
Summary of Ambient Air Monitoring Results – October 2013

American Cyanamid Superfund Site

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Acronyms and Abbreviations

°F	degrees Fahrenheit
µg/kg	micrograms per kilogram
µg/m ³	micrograms per cubic meter
ASTM	ASTM International (formerly the American Society for Testing and Materials)
mmHg	millimeters of mercury
OU	Operable Unit
PAH	polycyclic aromatic hydrocarbon
Pfizer	Pfizer Inc.
PM ₁₀	particulate matter less than 10 microns in aerodynamic diameter
QAPP	Quality Assurance Project Plan
RSL	regional screening level
Site	American Cyanamid Superfund Site in Bridgewater Township, New Jersey
SVOC	semivolatile organic compound
UATMP	Urban Air Toxics Monitoring Program
USEPA	United States Environmental Protection Agency
VOC	volatile organic compound
WH	Wyeth Holdings LLC

SECTION 1

Introduction

This report presents the results for the ambient air monitoring program the American Cyanamid Superfund Site in Bridgewater Township, New Jersey (Site). The results presented here are from the sixth quarterly ambient air sampling event, performed on October 29-30, 2013. The results from the previous sampling events are reported in the *Summary of Ambient Air Monitoring Results – July 2012 to April 2013* (CH2M HILL 2013a) and the *Summary of Ambient Air Monitoring Results – July 2013* (CH2M HILL 2013b).

The overall objective of this program is to develop a baseline set of ambient air monitoring data prior to the implementation of the Site-wide remedy at Operable Unit 4 (OU-4) and the OU-8 pilot study at Impoundments 1 and 2 and monitor the ambient air during the implementation of the remedial pilot study at Impoundments 1 and 2 to examine the effects of work within the impoundments on local air quality. Air sampling was conducted using the methods described in the Ambient Air Monitoring Quality Assurance Project Plan (QAPP) (CH2M HILL 2012).

SECTION 2

Sampling Event Activities

The project scope consisted of a Site-wide air monitoring program to assess ambient air quality in the local area and to develop a baseline set of ambient air monitoring data before and during remedial activities at OU-4 and OU-8. Contaminants of concern identified through this monitoring program include volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) in the form of polycyclic aromatic hydrocarbons (PAHs), aldehydes, reduced sulfur species, and particulate matter.

Sample locations were selected to study seasonal variability based on prevailing wind directions, accessibility, and proximity to potential receptors. A QAPP was submitted to United States Environmental Protection Agency (USEPA) in June 2012 (CH2M HILL 2012) and was approved by USEPA on June 25, 2012. Twelve sample locations are included in the sampling program; eight of these locations (P1 through P8) are along the property fence line (perimeter) of the Site, and the remaining four (C1 through C4) are located along the perimeter of Impoundments 1 and 2 (Figure 2-1)

Samples were collected and analyzed using the following methods:

- TO-15 – VOCs: 24-hour samples
- TO-13A (modified sorbent tube) – PAHs: 24-hour samples
- TO-11A – aldehydes: 24-hour samples
- American Society for Testing and Materials International ¹ (ASTM) D5504 – reduced sulfur compounds and hydrogen sulfide: three 20-minute grab samples per location (triplicate samples at each location)
- Particulate matter less than 10 microns in aerodynamic diameter (PM₁₀) – particle of 10 micrometers or less in diameter: 24-hour samples (one location near Impoundments 1 and 2)

A supplementary sample for particulate matter was collected at one location (P8) using a DataRAM4 particulate monitor to screen particulate at a perimeter location (versus at the Impoundment 1 and 2 area where the PQ200 particulate sampler is used to collect a sample). The DataRam 4 data is continuously recorded for approximately 4 hours at location P8. Additionally, one 24-hour sample for continuous data collection of hydrogen sulfide using the Jerome J605 was collected at location C3.

All samples for laboratory analysis were analyzed by ALS Environmental laboratory of Simi Valley, California. The data were validated using the *USEPA Contract Laboratory Program, National Functional Guidelines for Organic Data Review* (USEPA 1999). Qualifiers applied to the analytical data and their impacts on this data evaluation are discussed in Section 3.

Meteorological data were collected on-Site using a RainWise MKIII weather station. The weather station was installed after the January 2013 event at the Impoundment 8 Facility and collects the following data continuously:

- Temperature in degrees Fahrenheit (°F)
- Barometric pressure in millimeters of mercury (mmHg)
- Rainfall in inches
- Humidity in percent
- Wind speed in miles per hour
- Wind direction

Ambient Air Monitoring Data Evaluation

The ambient air monitoring data collected during the October 2013 sampling event are summarized in Appendix A (Tables A-1 through A-4). Site wind velocity and direction data were collected from the weather station located at the Impoundment 8 Facility.

During this field event, installation of the caissons for the pilot study system at OU8 occurred simultaneously with the ambient air monitoring event at the northwest corner of Impoundment 2. For more information on the pilot study see the *100 Percent Design of Pilot Study for Operable Unit 8* (CH2M Hill 2013c). A crane was used to lift the steel caissons and place them within Impoundment 2. In addition, there were multiple potential emission sources from vehicle and equipment as well as generators for power sources around the Impoundments 1 and 2 area.

3.1 Meteorological Data

The average temperature on October 29, 2013 was 48.6°F and the average temperature on October 30, 2013 was 48.3°F. The average temperature for the entire event (October 29 and 30, 2013) was 48.4°F. Wind speed and direction data from the weather station were used to develop wind roses depicting the direction and velocity of the wind during the sampling event. Wind roses were prepared for October 29, 2013, October 30, 2013 and for the entire event (October 29 through 30, 2013). The wind roses are depicted as Figures 3-1 through 3-3. On October 29, 2013 moderate wind speeds of 1-11 knots were recorded from a predominantly east-northeast direction. On October 30, 2013 wind speeds of 1-7 knots were recorded from a predominantly south-western direction. On October 30th, calm conditions (no wind) was recorded for 16.7% of the day. The wind data for the entire sampling event indicates that wind direction duration and higher velocity wind direction were predominantly from the east-northeast. Based on the wind direction for this ambient air monitoring event locations P1, P2, P3 and P4 were upwind of the Site and locations P5, P6 and P7 were downwind. Location P8 is located downwind of the Site; however, there also an off-Site property located just upwind of location P8 as well. The meteorological data collected on October 29 and 30, 2013 is found in Appendix B.

3.2 Volatile Organic Compound Results

VOCs detected at concentrations above USEPA regional screening levels (RSLs) during the October 2013 sampling event include 1,3-butadiene, acrolein, benzene, carbon tetrachloride, chloroform, and ethylbenzene. In addition, the reporting limits for 14 VOCs that were not detected exceeded their respective RSLs. These compounds include; 1,1,2,2-tetrachloroethane, 1,1,2-trichloroethane, 1,2-dibromo-3-chloropropane, 1,2-dibromomethane, 1,2-dichloroethane, 1,4-dioxane, acrolein, acrylonitrile, benzyl chloride, bromodichloromethane, cis 1,3-dichloropropene, dibromochloromethane, hexachlorobutadiene, and trans-1,3-dichloropropene.

3.2.1 Perimeter Locations

VOCs detected at concentrations above screening levels at perimeter locations include 1,3-butadiene, acrolein, benzene, carbon tetrachloride, chloroform, and ethylbenzene. The monitoring results for VOCs are summarized on Figures 3-4 and 3-5.

1,3-Butadiene and Acrolein

The analytes 1,3 butadiene and acrolein are assessed together because both analytes are historically considered to be the result of mobile source emissions. The RSLs for 1,3-butadiene and acrolein are 0.081 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) and 0.021 $\mu\text{g}/\text{m}^3$, respectively. The USEPA Urban Air Toxics Monitoring Program (UATMP) has established an urban background in New Jersey for 1,3-butadiene based on data collected from four urban areas in Camden, Chester, Elizabeth, and New Brunswick. The most recent data published are from 2008 and 2009 (USEPA 2011). The UATMP range of daily urban background concentrations of 1,3-butadiene for 2008 and 2009 ranged from 0.03 to 0.16 $\mu\text{g}/\text{m}^3$. An urban background in New Jersey was not established for acrolein. However, the maximum national concentration was 71 $\mu\text{g}/\text{m}^3$.

1,3-Butadiene was detected above the RSL in the samples collected from locations P3, P6, and P7 and acrolein was detect above the RSL in the samples collected from locations P3 and P6. 1,3-Butadiene was detected at concentrations ranging from $0.32 \mu\text{g}/\text{m}^3$ at location P7 to $0.71 \mu\text{g}/\text{m}^3$ at location P3. Acrolein was detected at concentrations ranging from $4.1 \mu\text{g}/\text{m}^3$ at location P6 to $8.4 \mu\text{g}/\text{m}^3$ at location P3. The detection limit for acrolein was above the RSL at locations P1, P2, P4, P5, P7 and P8. The 1,3-butadiene detection limit exceeded the RSL at locations P1, P2, P3, P4, P5, and P8. The 1,3-butadiene and acrolein data are found in Table A-1.

The data indicate that concentrations of 1,3-butadiene and acrolein were below or near the method detection limits Site-wide except at locations P3 and P6 where concentrations were elevated above the other concentrations at other perimeter locations. Being that these two locations are geographically far apart, with one being upwind and one downwind of the Site, the 1,3-butadiene and acrolein concentrations detected appear to be from an off-Site source.

Benzene

Benzene was detected above its RSL of $0.31 \mu\text{g}/\text{m}^3$ at all eight perimeter sample locations. Perimeter benzene concentrations ranged from an estimated concentration of $1 \mu\text{g}/\text{m}^3$ at location P1 to $3.5 \mu\text{g}/\text{m}^3$ at location P3. Five of the eight benzene concentrations detected at the perimeter sample locations exceed the UATMP range of daily urban background for New Jersey of 0.56 to $1.83 \mu\text{g}/\text{m}^3$; however, no detections exceeded the maximum urban background concentration of $34.1 \mu\text{g}/\text{m}^3$.

The distribution of perimeter benzene detections is fairly uniform with the exception of location P3 and P4 which contained higher concentrations of benzene. The average benzene concentration detected at the upwind locations (P1, P2, P3, and P4) was $2.4 \mu\text{g}/\text{m}^3$, which slightly higher than the average benzene concentration of $1.9 \mu\text{g}/\text{m}^3$ detected at the downwind locations (P5, P6, and P7) which suggests that an off-site source to the northeast of the Site.

Carbon Tetrachloride

Carbon tetrachloride was detected at all of the perimeter locations at concentrations ranging from $0.32 \mu\text{g}/\text{m}^3$ at location P3 to $0.45 \mu\text{g}/\text{m}^3$ at location P7. Six of the eight perimeter locations had carbon tetrachloride concentrations slightly exceeding the RSL of $0.41 \mu\text{g}/\text{m}^3$. The concentration of carbon tetrachloride at all sample locations is below the UATMP average daily urban background concentration for New Jersey for 2008 – 2009 of 0.64 to $0.67 \mu\text{g}/\text{m}^3$. The distribution of Site-wide carbon tetrachloride detections is similar across the perimeter locations and unrelated to wind direction and suggests that carbon tetrachloride is attributed to an off-Site source.

Chloroform

Chloroform was detected at seven of the eight perimeter locations at concentrations ranging from $0.17 \mu\text{g}/\text{m}^3$ at location P8 to $0.34 \mu\text{g}/\text{m}^3$ at location P2, which were all above the RSL of $0.11 \mu\text{g}/\text{m}^3$. The chloroform reporting limit exceeded the RSL at location P1. The concentration of chloroform at six of the eight sample locations is slightly higher than the UATMP average daily urban background concentration for New Jersey for 2008 – 2009 of 0.07 to $0.18 \mu\text{g}/\text{m}^3$.

The distribution of perimeter chloroform detections is fairly similar across the perimeter locations and unrelated to wind direction. The average chloroform concentration in the samples at the upwind locations was $0.24 \mu\text{g}/\text{m}^3$ (includes the non-detect concentration at location P1), which is slightly lower than the average chloroform concentration of $0.26 \mu\text{g}/\text{m}^3$ detected at the downwind locations. The uniformity of the concentrations at perimeter locations both upwind and downwind of the impoundments indicates the detections are attributed to an off-Site source.

Ethylbenzene

Ethylbenzene was detected at five of the eight perimeter locations at concentrations ranging from $1.8 \mu\text{g}/\text{m}^3$ at location P5 to $2.4 \mu\text{g}/\text{m}^3$ at P3, which were all above the RSL of $0.97 \mu\text{g}/\text{m}^3$. The concentration of ethylbenzene at all sampling locations is slightly higher than the UATMP average daily urban background concentration for New Jersey for 2008 – 2009 of 0.46 to $0.88 \mu\text{g}/\text{m}^3$.

The distribution of ethylbenzene concentrations at the five perimeter locations (P3, P4, P5, P6, P7 and P8) are similar (ranging from 1.8 to 2.4 $\mu\text{g}/\text{m}^3$) and unrelated to wind direction which indicates the origin of ethylbenzene detections are from an off-Site source.

3.2.2 Impoundment Locations

VOCs detected in samples collected from the impoundment locations include, 1,3 butadiene, benzene, carbon tetrachloride, chloroform, and ethylbenzene. In addition, the detection limits for 15 VOCs exceeded their respective RSLs. These compounds include; 1,1,2,2-tetrachloroethane, 1,1,2-trichloroethane, 1,2-dibromo-3-chloropropane, 1,2-dibromomethane, 1,2-dichloroethane, 1,4-dioxane, acrolein, acrylonitrile, benzyl chloride, bromodichloromethane, cis 1,3-dichloropropene, dibromochloromethane, hexachlorobutadiene, naphthalene, and trans-1,3-dichloropropene.

1,3-Butadiene

One detection and exceedance of 0.30 $\mu\text{g}/\text{m}^3$ occurred within the impoundment area at location C4. The reporting limits for 1,3-butadiene exceeded the RSL at the remaining impoundment locations. The RSL for 1,3-butadiene is 0.081 $\mu\text{g}/\text{m}^3$. The UATMP range of daily urban background concentrations of 1,3-butadiene for 2008 and 2009 ranged from 0.03 to 0.16 $\mu\text{g}/\text{m}^3$.

1,3-Butadiene concentration at location C4 was similar to the concentration detected at downwind perimeter location P7. As discussed previously, 1,3-butadiene concentrations at P3 and P6 where concentrations were elevated above the other Site locations and an off-Site source of 1,3-butadiene is likely.

Benzene

Ambient air benzene concentrations ranged from 3.3 $\mu\text{g}/\text{m}^3$ at location C2 to 6.2 $\mu\text{g}/\text{m}^3$ at location C3. All four impoundment sample locations (C1 through C4) had concentrations above the benzene RSL of 0.31 $\mu\text{g}/\text{m}^3$ and above the UATMP daily average urban background concentration range for 2008 to 2009 of 0.56 to 1.83 $\mu\text{g}/\text{m}^3$ but below the 34.1 $\mu\text{g}/\text{m}^3$ maximum urban background concentration. The sample collected from location C3 contained the highest concentration of benzene. This location was upwind of the caisson installation area but downwind from sources of combustion supporting the caisson installation. The sample from location C4 was downwind of the caisson installation area during this event and contained benzene at 3.6 $\mu\text{g}/\text{m}^3$, which is slightly above the range of benzene detected at the perimeter samples.

Carbon Tetrachloride

Carbon tetrachloride was detected at all four impoundment sample locations with concentrations ranging from 0.42 to 0.45 $\mu\text{g}/\text{m}^3$, which are all slightly above the RSL of 0.41 $\mu\text{g}/\text{m}^3$. The UATMP range of daily average urban background concentrations for carbon tetrachloride for 2008 to 2009 is 0.64 to 0.72 $\mu\text{g}/\text{m}^3$, which is greater than the concentrations detected at the impoundment locations.

The concentration of carbon tetrachloride detected in the impoundment samples was similar and the average concentration detected was also similar to the average concentration detected in the perimeter samples. Therefore, it is likely that carbon tetrachloride detections are a result of an off-Site source.

Chloroform

The chloroform concentration detected in air samples from the four impoundment locations ranged from 0.23 to 0.25 $\mu\text{g}/\text{m}^3$, which are above the RSL of 0.11 $\mu\text{g}/\text{m}^3$. The concentration of chloroform at all sampling locations is slightly higher than the UATMP average daily urban background concentration for New Jersey for 2008 – 2009 of 0.07 to 0.18 $\mu\text{g}/\text{m}^3$.

The concentration of chloroform detected in the impoundment samples was similar and the average concentration detected was similar to the average concentration detected in the perimeter samples. Therefore, it is likely that the chloroform detected at the impoundment locations is a result of an off-Site source.

Ethylbenzene

Ethylbenzene was detected at C2 (1.1 $\mu\text{g}/\text{m}^3$), C3 (1.3 $\mu\text{g}/\text{m}^3$), and C4 (1.7 $\mu\text{g}/\text{m}^3$). All three concentrations are above the RSL of 0.97 $\mu\text{g}/\text{m}^3$. The concentration of ethylbenzene at all sampling locations is slightly higher than the UATMP average daily urban background concentration for New Jersey for 2008 – 2009 of 0.46 to 0.88 $\mu\text{g}/\text{m}^3$.

The concentration range for ethylbenzene for the impoundment sample locations was similar and the detected concentrations around the impoundment were lower than those from the perimeter sample locations. Therefore, it is likely that the detection of ethylbenzene at the impoundment locations is a result of an off-Site source.

3.3 Polycyclic Aromatic Hydrocarbon Results

3.3.1 Perimeter Locations

PAHs are not sampled at the perimeter location, except for naphthalene which is detected in the perimeter sampling locations. Naphthalene was detected at one perimeter location (P8) analyzed using USEPA Method TO-15 (see Table A-1), at a concentration of 2.9 $\mu\text{g}/\text{m}^3$ which is above the RSL of 0.072 $\mu\text{g}/\text{m}^3$. The concentration of naphthalene detected at location P8 is within the nation-wide range of naphthalene concentrations in air measured during the 2008-2009 UATMP (0.004 to 3.2 $\mu\text{g}/\text{m}^3$). Location P8 was downwind of the Site and downwind from off-Site sources. The source of the naphthalene detected at location P8 is unclear since the location is downwind of both the Site and off Site areas.

3.3.2 Impoundment Locations

PAHs were not detected in any samples analyzed using USEPA Method TO-13A (see Table A-2). Naphthalene was not detected in any samples analyzed using USEPA Method TO-15 (see Table A-1). Reporting limits for benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenz(a,h)anthracene, indeno(1,2,3-c,d)pyrene and naphthalene exceeded their respective RSLs at each location.

3.4 Aldehyde Results

Ambient air samples for aldehydes were collected from three impoundment locations, C1, C2, and C3 (see Figure 3-6). Formaldehyde was detected at concentrations above the RSL of 0.19 $\mu\text{g}/\text{m}^3$ in each sample. Formaldehyde was detected at concentrations above the RSL at locations C1, C2 and C3 (see Table A-2).

The concentrations of formaldehyde detected were 1.2 $\mu\text{g}/\text{m}^3$ at C1 and C2 and 0.34 $\mu\text{g}/\text{m}^3$ at C3. All three detected concentrations exceed the formaldehyde RSL of 0.19 $\mu\text{g}/\text{m}^3$ but did not exceed the daily average urban background concentration for acetaldehyde in 2008 and 2009 ranging from 1.47 to 3.8 $\mu\text{g}/\text{m}^3$.

The formaldehyde concentration at locations C1 and C2 (upwind) were higher than the formaldehyde concentration detected at location C3 (downwind). Although locations C1 and C2 are within the central portion of the Site, Site related emission sources were not present during this sampling event. Therefore, it is probable that the origin of formaldehyde is from an off-Site source.

3.5 Reduced Sulfur Compounds

Reduced sulfur samples were collected from locations C1, C2, and C3 for reduced sulfur analyses using ASTM Method D5504-08. Reduced sulfur compounds were not detected during this event (see Table A-3); however, detection limits were greater than the RSL.

3.6 Particulate Matter

Particulate matter was collected at location C3 and was detected at 0.44 milligrams per sample which is below the method reporting limit of 1.0 milligram per sample (see Table A-4).

SECTION 4

References

CH2M HILL. 2012. *Ambient Air Monitoring Quality Assurance Project Plan American Cyanamid Superfund Site.* June.

CH2M HILL 2013a. *Summary of Ambient Air Monitoring Results – July 2012 to April 2013 American Cyanamid Superfund Site. September.*

CH2M HILL 2013b. *Summary of Ambient Air Monitoring Results – July 2013 American Cyanamid Superfund Site. September.*

CH2M HILL 2013c. *100 Percent Design of Pilot Study for Operable Unit 8 American Cyanamid Superfund Site. October.*

U.S. Environmental Protection Agency (EPA). 2011. *2008-2009 National Monitoring Programs (UATMP, NATTS and CSATAM), Volume I.* Office of Air Quality Planning and Standards. EPA-454/R-11-013a. December.

Figures

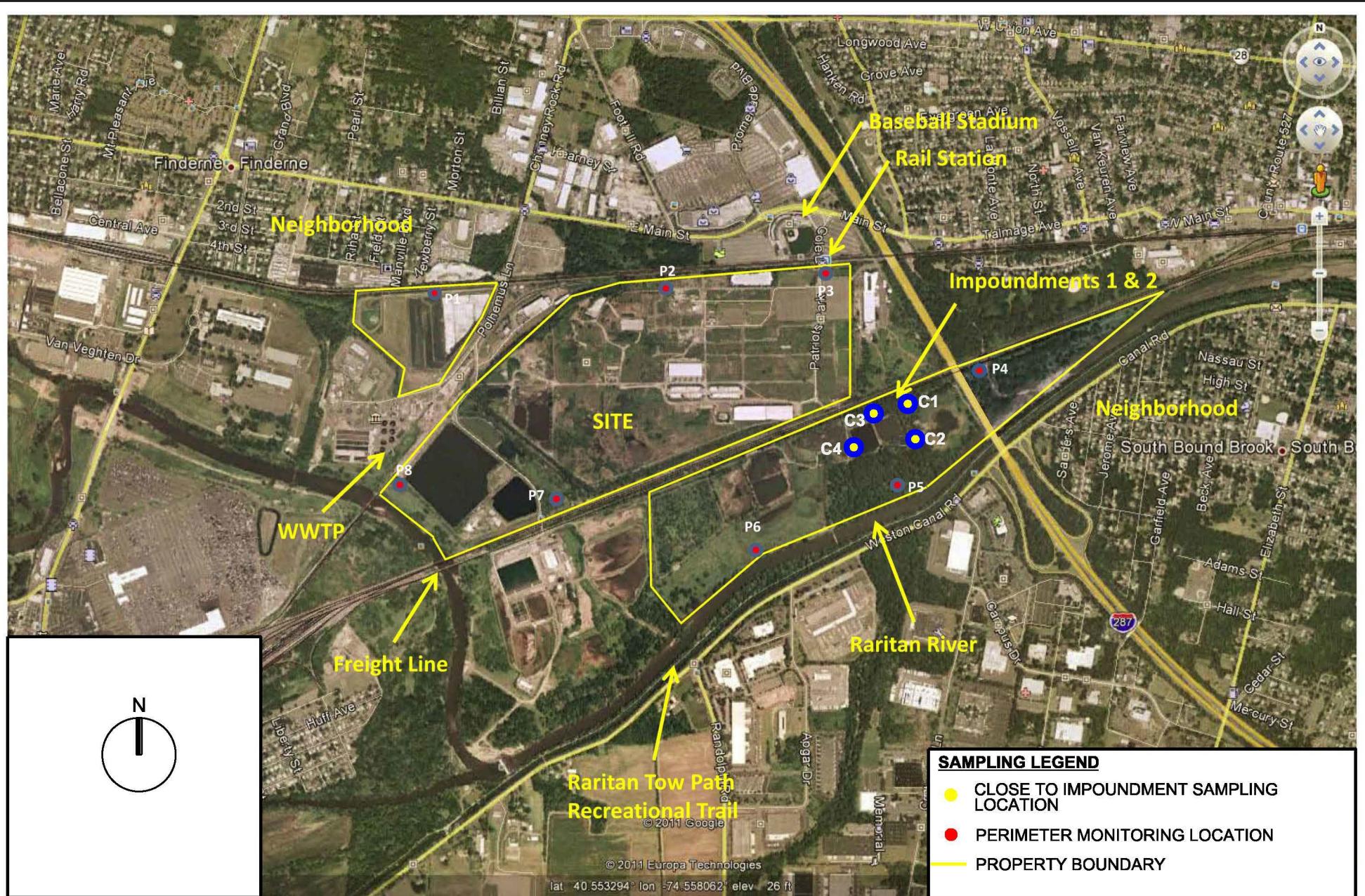


Figure 2-1
Ambient Air Monitoring Locations
American Cyanamid Superfund Site
Bridgewater, New Jersey

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FIGURE 3-1

On-Site Wind Rose for October 29, 2013

American Cyanamid Site, Bridgewater, New Jersey

Ambient Air Monitoring Results- October 2013

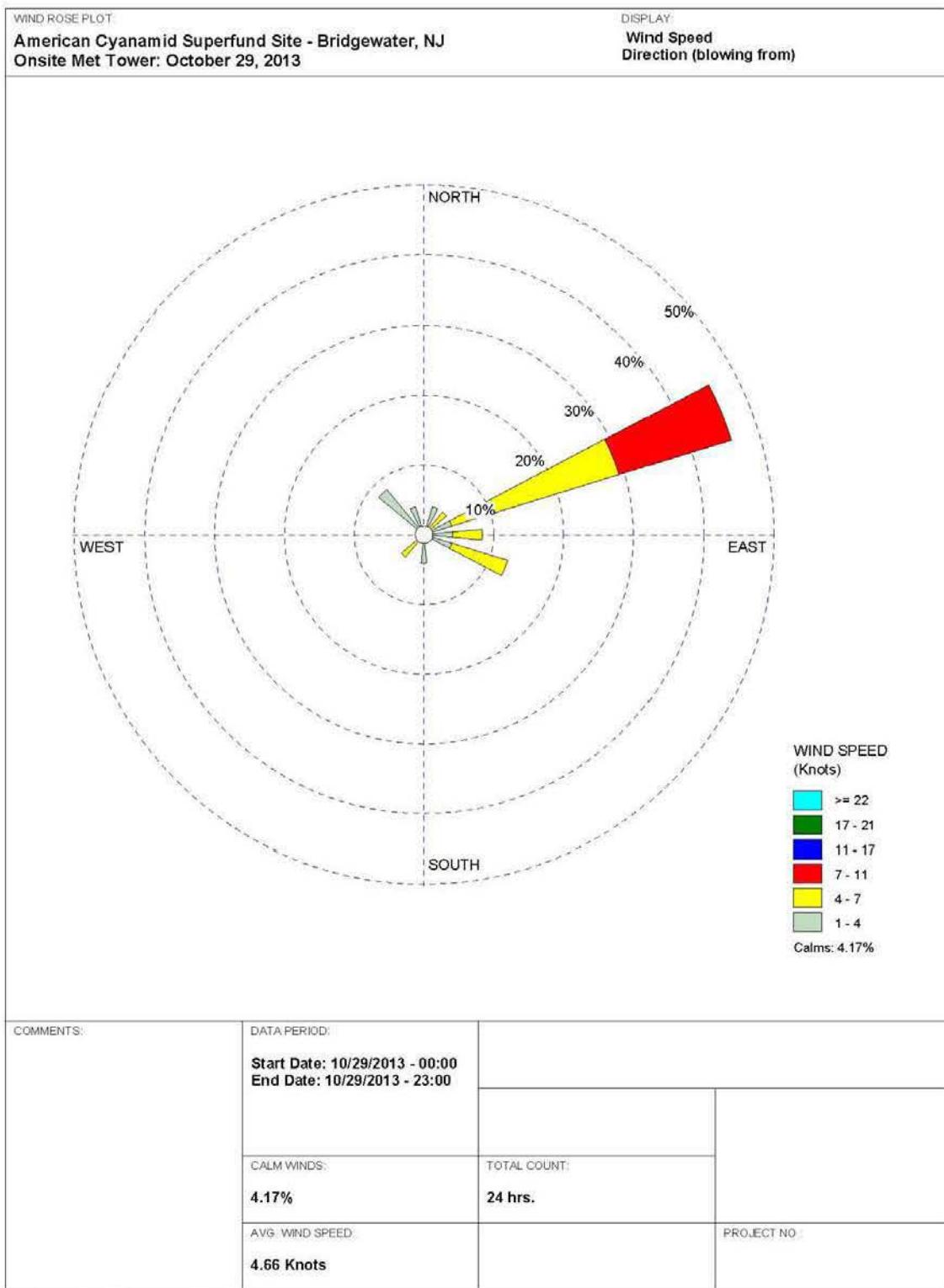


FIGURE 3-2

On-Site Wind Rose for October 30, 2013

American Cyanamid Site, Bridgewater, New Jersey

Ambient Air Monitoring Results- October 2013

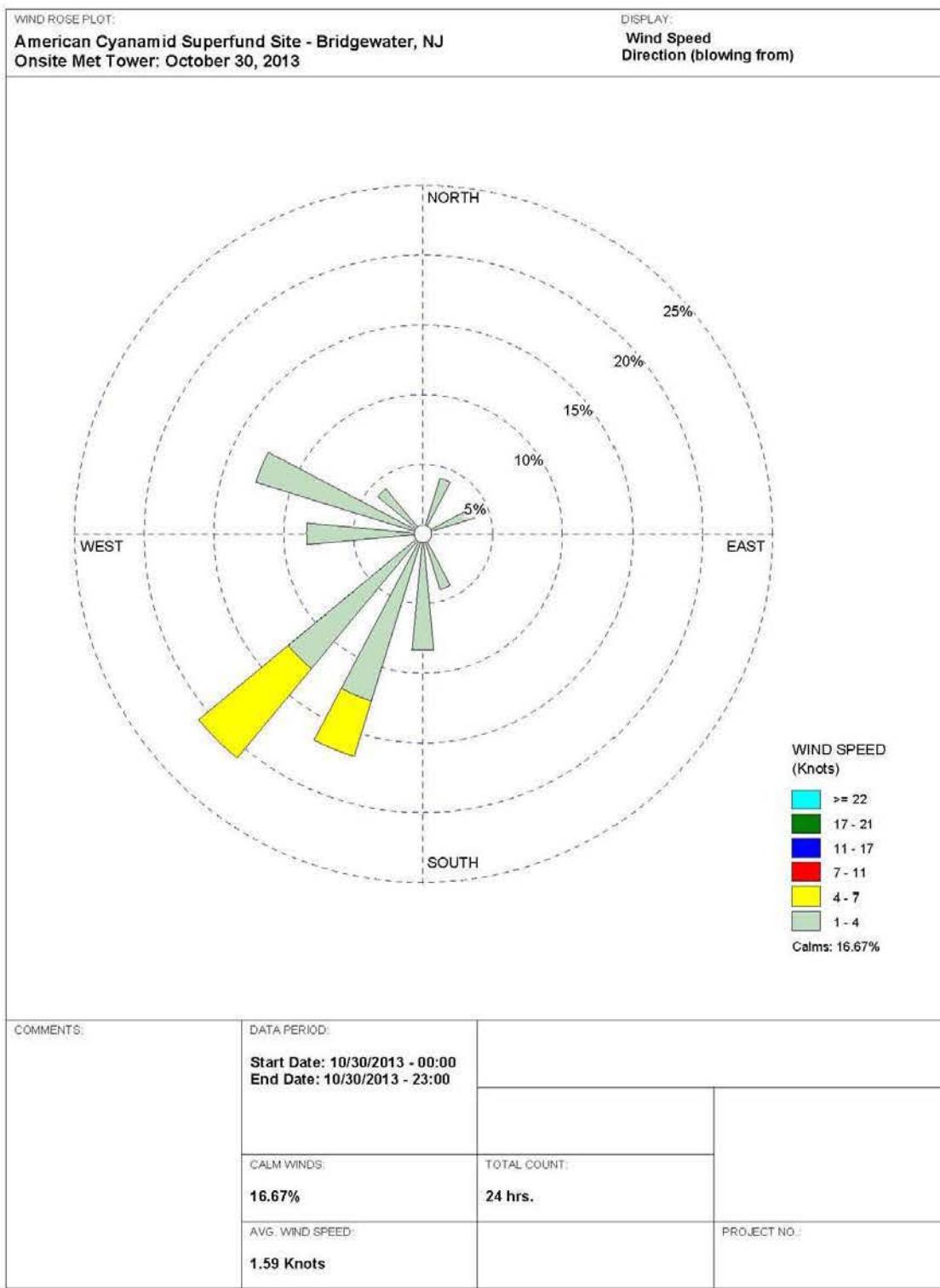
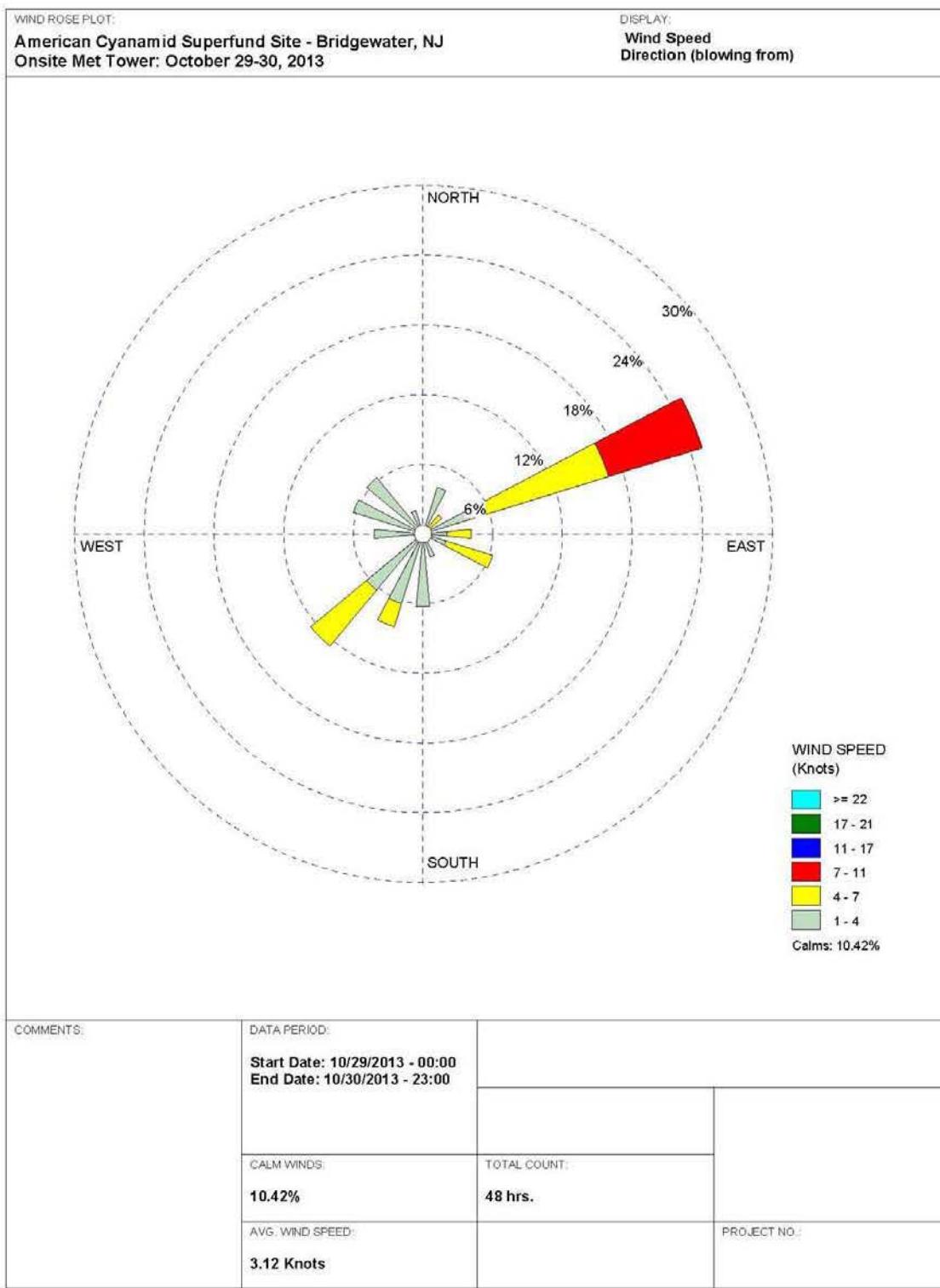


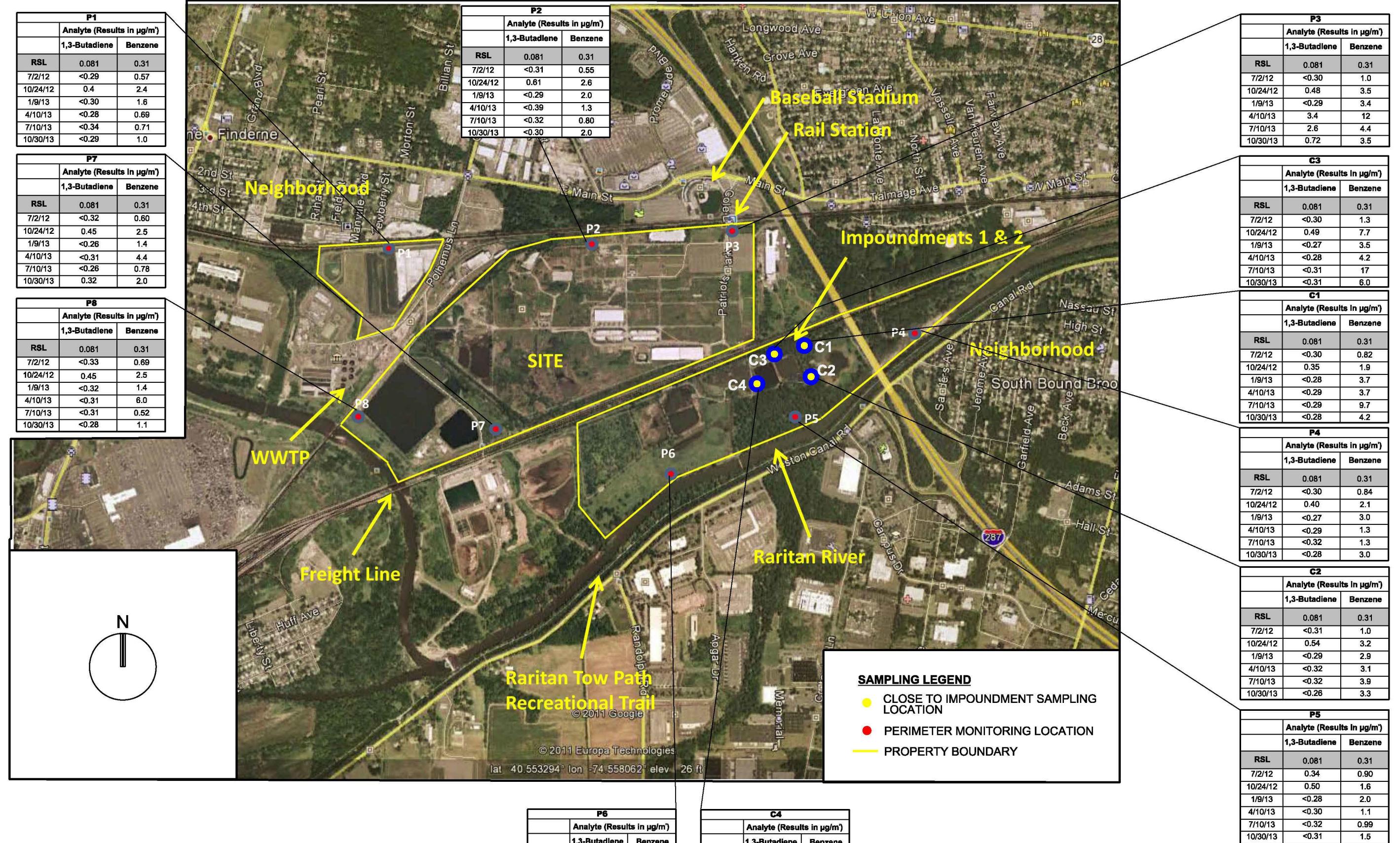
FIGURE 3-3

On-Site Wind Rose for October 29-30, 2013

American Cyanamid Site, Bridgewater, New Jersey

Ambient Air Monitoring Results- October 2013

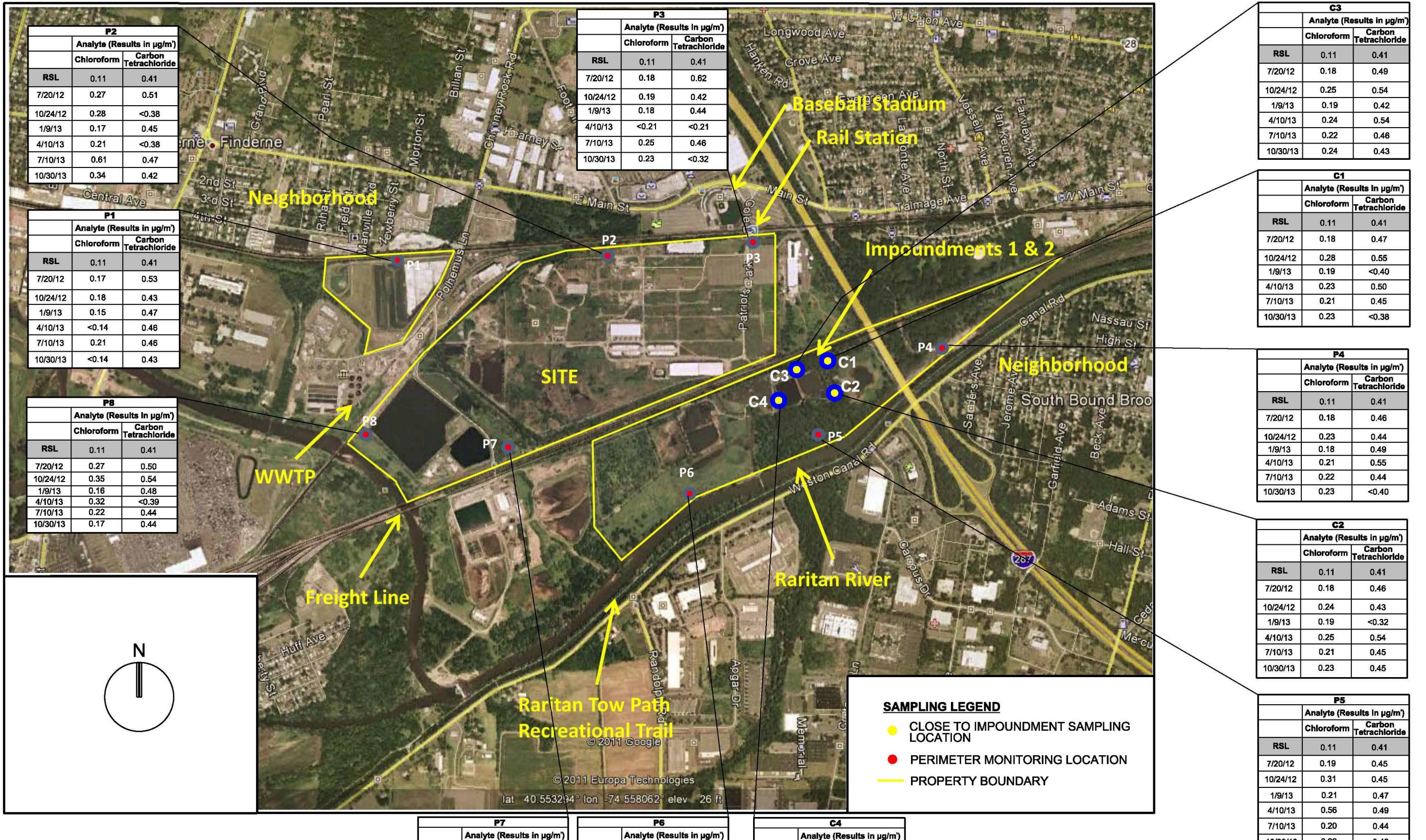




Notes

1. $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter
2. MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
3. RSLs are the residential values published November 2012 (http://www.epa.gov/reg3hwmd/risk/human/rbcconcentration_table/index.htm)
4. < = Result less than reporting limit.

Figure 3-4
October 2013 Ambient Air Sampling Results (1-3 Butadiene and Benzene)
American Cyanamid Superfund Site
Bridgewater, New Jersey

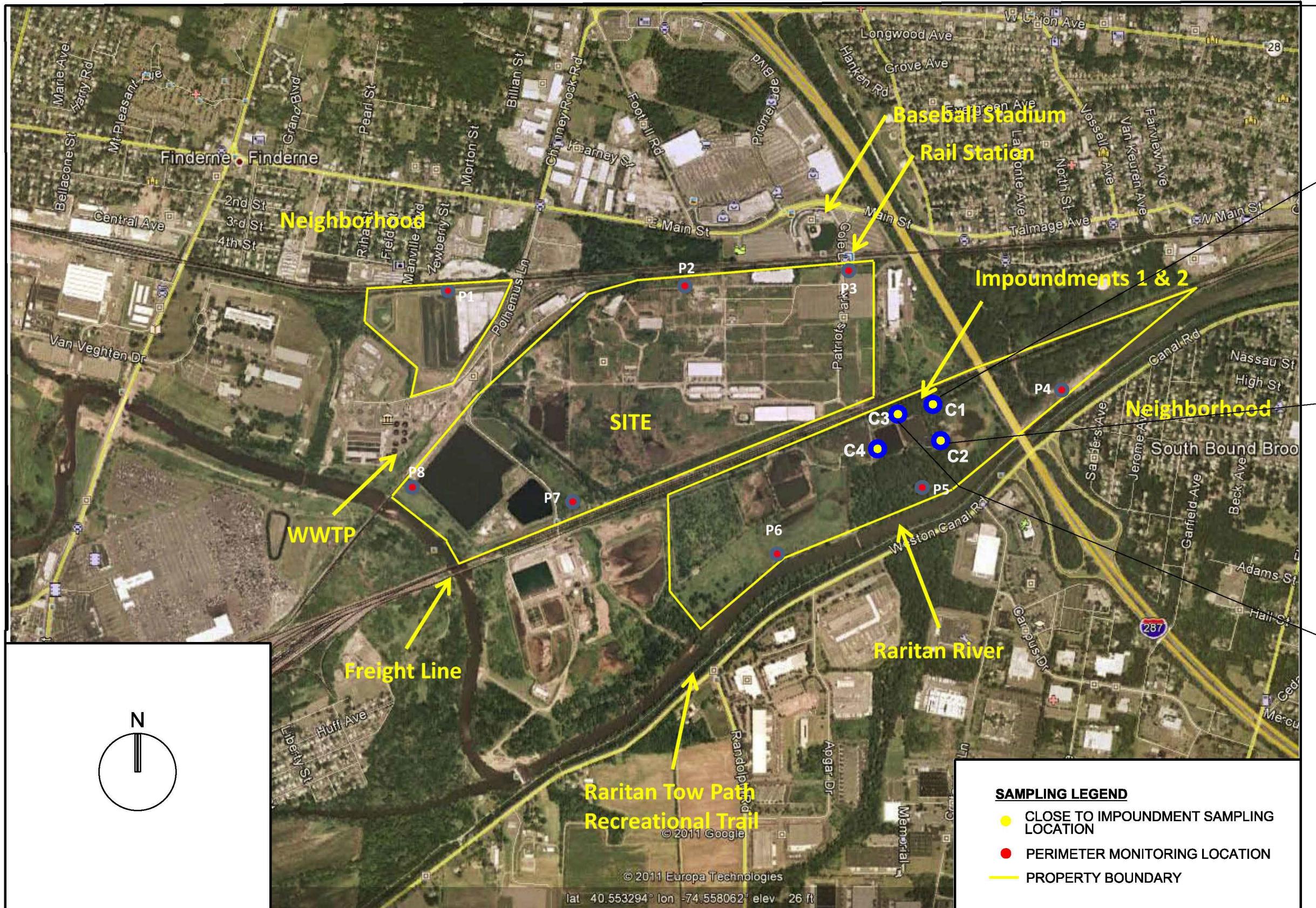


Notes

1. $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter
2. MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
3. RSLs are the residential values published November 2012 (http://www.epa.gov/reg3hwmd/risk/human/rbcconcentration_table/index.htm)
4. < = Result less than reporting limit.

Figure 3-5
October 2013 Ambient Air Sampling Results (Chlorinated Compounds)
American Cyanamid Superfund Site
Bridgewater, New Jersey

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C1		
	Analyte (Results in $\mu\text{g}/\text{m}^3$)	
	Formaldehyde	Acetaldehyde
RSL	0.19	1.1
7/20/12	1.1	2.8
10/24/12	1.1	1.4
1/9/13	13	6.9
4/10/13	1.6	7.4
7/10/13	0.64	1.9
10/30/13	1.2	<0.50

C2		
	Analyte (Results in $\mu\text{g}/\text{m}^3$)	
	Formaldehyde	Acetaldehyde
RSL	0.19	1.1
7/20/12	2.6	2.2
10/24/12	0.38	1.0
1/9/13	7.4	6.4
4/10/13	2.3	6.0
7/10/13	0.53	1.3
10/30/13	1.2	0.63

C3		
	Analyte (Results in $\mu\text{g}/\text{m}^3$)	
	Formaldehyde	Acetaldehyde
RSL	0.19	1.1
7/20/12	N/A	N/A
10/24/12	0.54	0.86
1/9/13	3	1.9
4/10/13	1.5	1.4
7/10/13	0.24	<0.41
10/30/13	0.34	<0.50

Notes

1. $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter
2. MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
3. RSLs are the residential values published May 2012 (http://www.epa.gov/reg3hwmd/fisk/human/rbconcentration_table/index.htm)

Figure 3-6
October 2013 Ambient Air Sampling Results (Acetaldehyde and Formaldehyde)
American Cyanamid Superfund Site
Bridgewater, New Jersey

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Appendix A

Ambient Air Monitoring Data – October 2013

Table A-1
Volatile Organic Compounds (EPA Method TO-15)
October 2013 Ambient Air Monitoring Event
American Cyanamid Superfund Site, Bridgewater, New Jersey

CAS#	Parameter	Residential Air Regional Screening Level $\mu\text{g}/\text{m}^3$	PZAA-P1		PZAA-P2		PZAA-P3		PZAA-P4		PZAA-P5		PZAA-P6	
			Field Sample ID PZAA-P1-103013		PZAA-P2-103013		PZAA-P3-103013		PZAA-P4-103013		PZAA-P5-103013		PZAA-P6-103013	
			Sample Date 10/30/2013		Sample Date 10/30/2013		Sample Date 10/30/2013		Sample Date 10/30/2013		Sample Date 10/30/2013		Sample Date 10/30/2013	
			Regular	Units $\mu\text{g}/\text{m}^3$	Regular	Units $\mu\text{g}/\text{m}^3$	Regular	Units $\mu\text{g}/\text{m}^3$	Regular	Units $\mu\text{g}/\text{m}^3$	Regular	Units $\mu\text{g}/\text{m}^3$	Regular	Units $\mu\text{g}/\text{m}^3$
71-55-6	1,1,1-Trichloroethane	5,200	0.14	UJ	0.15	U	0.14	U	0.14	U	0.15	U	0.16	U
79-34-5	1,1,2-Tetrachloroethane	0.042	0.14	UJ	0.15	U	0.14	U	0.14	U	0.15	U	0.16	U
79-00-5	1,1,2-Trichloroethane	0.15	0.14	UJ	0.15	U	0.14	U	0.14	U	0.15	U	0.16	U
75-34-3	1,1-Dichloroethane	1.5	0.14	UJ	0.15	U	0.14	U	0.14	U	0.15	U	0.16	U
75-35-4	1,1-Dichloroethene	210	0.14	UJ	0.15	U	0.14	U	0.14	U	0.15	U	0.16	U
120-82-1	1,2,4-Trichlorobenzene	2.1	0.72	UJ	0.74	U	0.68	U	0.71	U	0.77	U	0.79	U
95-63-6	1,2,4-Trimethylbenzene	7.3	0.72	UJ	0.74	U	1.7	=	1.6	=	1.6	=	1.7	=
96-12-8	1,2-Dibromo-3-chloropropane	0.00016	0.72	UJ	0.74	U	0.68	U	0.71	U	0.77	U	0.79	U
106-93-4	1,2-Dibromoethane	0.0041	0.14	UJ	0.15	U	0.14	U	0.14	U	0.15	U	0.16	U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	-	0.72	UJ	0.74	U	0.68	U	0.71	U	0.77	U	0.79	U
95-50-1	1,2-Dichlorobenzene	210	0.14	UJ	0.15	U	0.14	U	0.14	U	0.15	U	0.16	U
107-06-2	1,2-Dichloroethane	0.094	0.14	UJ	0.15	U	0.14	U	0.14	U	0.15	U	0.16	U
78-87-5	1,2-Dichloropropane	0.24	0.14	UJ	0.15	U	0.14	U	0.14	U	0.15	U	0.16	U
108-67-8	1,3,5-Trimethylbenzene	-	0.72	UJ	0.74	U	0.68	U	0.71	U	0.77	U	0.79	U
106-99-0	1,3-Butadiene	0.081	0.29	UJ	0.3	U	0.72	=	0.28	U	0.31	U	0.47	=
541-73-1	1,3-Dichlorobenzene	-	0.14	UJ	0.15	U	0.14	U	0.14	U	0.15	U	0.16	U
106-46-7	1,4-Dichlorobenzene	0.22	0.14	UJ	0.15	U	0.14	U	0.14	U	0.15	U	0.16	U
123-91-1	1,4-Dioxane	0.49	0.72	UJ	0.74	U	0.68	U	0.71	U	0.77	U	0.79	U
78-93-3	2-Butanone (MEK)	5,200	7.2	UJ	7.4	U	27	=	7.4	=	7.7	U	13	=
591-78-6	2-Hexanone	31	0.72	UJ	0.74	U	1.9	=	0.71	U	0.77	U	1.3	=
67-63-0	2-Propanol (Isopropyl Alcohol)	7,300	7.2	UJ	7.4	U	6.8	U	19	=	7.7	U	7.9	U
107-05-1	3-Chloro-1-propene (Allyl Chloride)	0.41	0.14	UJ	0.15	U	0.14	U	0.14	U	0.15	U	0.16	U
622-96-8	4-Ethyltoluene	-	0.72	UJ	0.74	U	0.73	=	0.71	U	0.77	U	0.79	U
108-10-1	4-Methyl-2-pentanone	3,100	0.72	UJ	0.74	U	0.68	U	0.71	U	0.77	U	4.1	=
67-64-1	Acetone	32,000	8.4	J	9.5	=	330	=	56	=	39	=	180	=
75-05-8	Acetonitrile	63	0.72	UJ	0.74	U	0.68	U	0.71	U	0.77	U	0.79	U
107-02-8	Acrolein	0.021	2.9	UJ	3	U	8.4	=	2.8	U	3.1	U	4.1	=
107-13-1	Acrylonitrile	0.036	0.72	UJ	0.74	U	0.68	U	0.71	U	0.77	U	0.79	U
80-56-8	alpha-Pinene	-	0.72	UJ	1.7	=	2.2	=	1.6	=	1.4	=	2.1	=
71-43-2	Benzene	0.31	1	J	2	=	3.5	=	3	=	1.5	=	2.2	=
100-44-7	Benzyl Chloride	0.05	0.72	UJ	0.74	U	0.68	U	0.71	U	0.77	U	0.79	U
75-27-4	Bromodichloromethane	0.066	0.14	UJ	0.15	U	0.14	U	0.14	U	0.15	U	0.16	U
75-25-2	Bromoform	2.2	0.72	UJ	0.74	U	0.68	U	0.71	U	0.77	U	0.79	U
74-83-9	Bromomethane	5.2	0.14	UJ	0.15	U	0.14	U	0.14	U	0.15	U	0.16	U
75-15-0	Carbon Disulfide	730	7.2	UJ	7.4	U	6.8	U	7.1	U	7.7	U	7.9	U
56-23-5	Carbon Tetrachloride	0.41	0.43	J	0.42	=	0.32	=	0.4	=	0.42	=	0.43	=
108-90-7	Chlorobenzene	52	0.14	UJ	0.5	=	0.14	U	0.14	U	0.15	U	0.16	U
75-00-3	Chloroethane	10,000	0.14	UJ	0.15	U	0.14	U	0.14	U	0.15	U	0.16	U
67-66-3	Chloroform	0.11	0.14	UJ	0.34	=	0.23	=	0.23	=	0.22	=	0.22	=
74-87-3	Chloromethane	94	0.42	J	0.43	=	0.55	=	0.47	=	0.49	=	0.53	=
156-59-2	cis-1,2-Dichloroethene	-	0.14	UJ	0.15	U	0.14	U	0.14	U	0.15	U	0.16	U
10061-01-5	cis-1,3-Dichloropropene	0.61	0.72	UJ	0.74	U	0.68	U	0.71	U	0.77	U	0.79	U
98-82-8	Cumene	420	0.72	UJ	0.74	U	0.68	U	0.71	U	0.77	U	0.79	U
110-82-7	Cyclohexane	6,300	1.4	UJ	1.5	U	1.4	U	1.4	U	1.5	U	1.6	U
124-48-1	Dibromochloromethane	0.09	0.14	UJ	0.15	U	0.14	U	0.14	U	0.15	U	0.16	U
75-71-8	Dichlorodifluoromethane (CFC 12)	100	2	J	2	=	2.1	=	2	=	2.1	=	2.1	=
5989-27-5	d-Limonene	-	0.72	UJ	0.74	U	1.3	=	1.2	=	1.1	=	1.5	=
64-17-5	Ethanol	-	39	J	37	=	42	=	18	=	19	=	23	=
141-78-6	Ethyl Acetate	73	19	J	28	=	14	=						

Table A-1
Volatile Organic Compounds (EPA Method TO-15)
October 2013 Ambient Air Monitoring Event
American Cyanamid Superfund Site, Bridgewater, New Jersey

CAS#	Parameter	Residential Air Regional Screening Level $\mu\text{g}/\text{m}^3$	PZAA-P7		PZAA-P8		PZAA-C1		PZAA-C2		
			Field Sample ID	PZAA-P7-103013	Field Sample ID	PZAA-P8-103013	Field Sample ID	PZAA-C1-103013	Field Sample ID	PZAA-C2-103013	
			Sample Date	10/30/2013							
			Sample Type Units	Regular							
				$\mu\text{g}/\text{m}^3$		$\mu\text{g}/\text{m}^3$		$\mu\text{g}/\text{m}^3$		$\mu\text{g}/\text{m}^3$	
71-55-6	1,1,1-Trichloroethane	5,200	Result	0.15	Qual	0.14	U	0.14	U	0.13	U
79-34-5	1,1,2,2-Tetrachloroethane	0.042	Result	0.15	U	0.14	U	0.14	U	0.13	U
79-00-5	1,1,2-Trichloroethane	0.15	Result	0.15	U	0.14	U	0.14	U	0.13	U
75-34-3	1,1-Dichloroethane	1.5	Result	0.15	U	0.14	U	0.14	U	0.13	U
75-35-4	1,1-Dichloroethene	210	Result	0.15	U	0.14	U	0.14	U	0.13	U
120-82-1	1,2,4-Trichlorobenzene	2.1	Result	0.74	U	0.71	U	0.7	U	0.65	U
95-63-6	1,2,4-Trimethylbenzene	7.3	Result	1.6	=	0.71	U	0.7	U	1.4	=
96-12-8	1,2-Dibromo-3-chloropropane	0.00016	Result	0.74	U	0.71	U	0.7	U	0.65	U
106-93-4	1,2-Dibromoethane	0.0041	Result	0.15	U	0.14	U	0.14	U	0.13	U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	-	Result	0.74	U	0.71	U	0.7	U	0.65	U
95-50-1	1,2-Dichlorobenzene	210	Result	0.15	U	0.14	U	0.14	U	0.13	U
107-06-2	1,2-Dichloroethane	0.094	Result	0.15	U	0.14	U	0.14	U	0.13	U
78-87-5	1,2-Dichloropropane	0.24	Result	0.15	U	0.14	U	0.14	U	0.13	U
108-67-8	1,3,5-Trimethylbenzene	-	Result	0.74	U	0.71	U	0.7	U	0.65	U
106-99-0	1,3-Butadiene	0.081	Result	0.32	=	0.28	U	0.28	U	0.26	U
541-73-1	1,3-Dichlorobenzene	-	Result	0.15	U	0.14	U	0.14	U	0.13	U
106-46-7	1,4-Dichlorobenzene	0.22	Result	0.15	U	0.14	U	0.14	U	0.13	U
123-91-1	1,4-Dioxane	0.49	Result	0.74	U	0.71	U	0.7	U	0.65	U
78-93-3	2-Butanone (MEK)	5,200	Result	9.5	=	7.1	U	7	U	6.5	U
591-78-6	2-Hexanone	31	Result	1	=	0.71	U	0.7	U	0.65	U
67-63-0	2-Propanol (Isopropyl Alcohol)	7,300	Result	7.4	U	7.1	U	7	U	6.5	U
107-05-1	3-Chloro-1-propene (Allyl Chloride)	0.41	Result	0.15	U	0.14	U	0.14	U	0.13	U
622-96-8	4-Ethyltoluene	-	Result	0.74	U	0.71	U	0.7	U	0.65	U
108-10-1	4-Methyl-2-pentanone	3,100	Result	2.2	=	0.71	U	0.7	U	0.89	=
67-64-1	Acetone	32,000	Result	130	=	9.8	=	15	=	47	=
75-05-8	Acetonitrile	63	Result	0.74	U	0.71	U	0.7	U	0.65	U
107-02-8	Acrolein	0.021	Result	2.9	U	2.8	U	2.8	U	2.6	U
107-13-1	Acrylonitrile	0.036	Result	0.74	U	0.71	U	0.7	U	0.65	U
80-56-8	alpha-Pinene	-	Result	1.9	=	0.71	U	0.7	U	0.86	=
71-43-2	Benzene	0.31	Result	2	=	1.1	=	4.2	=	3.3	=
100-44-7	Benzyl Chloride	0.05	Result	0.74	U	0.71	U	0.7	U	0.65	U
75-27-4	Bromodichloromethane	0.066	Result	0.15	U	0.14	U	0.14	U	0.13	U
75-25-2	Bromoform	2.2	Result	0.74	U	0.71	U	0.7	U	0.65	U
74-83-9	Bromomethane	5.2	Result	0.15	U	0.14	U	0.14	U	0.13	U
75-15-0	Carbon Disulfide	730	Result	7.4	U	7.1	U	7	U	6.5	U
56-23-5	Carbon Tetrachloride	0.41	Result	0.45	=	0.44	=	0.38	=	0.45	=
108-90-7	Chlorobenzene	52	Result	0.26	=	0.14	U	0.14	U	0.13	U
75-00-3	Chloroethane	10,000	Result	0.15	U	0.14	U	0.14	U	0.13	U
67-66-3	Chloroform	0.11	Result	0.26	=	0.17	=	0.23	=	0.23	=
74-87-3	Chloromethane	94	Result	0.48	=	0.57	=	0.5	=	0.48	=
156-59-2	cis-1,2-Dichloroethene	-	Result	0.15	U	0.14	U	0.14	U	0.13	U
10061-01-5	cis-1,3-Dichloropropene	0.61	Result	0.74	U	0.71	U	0.7	U	0.65	U
98-82-8	Cumene	420	Result	0.74	U	0.71	U	0.7	U	0.65	U
110-82-7	Cyclohexane	6,300	Result	1.5	U	1.4	U	1.4	U	1.3	U
124-48-1	Dibromochloromethane	0.09	Result	0.15	U	0.14	U	0.14	U	0.13	U
75-71-8	Dichlorodifluoromethane (CFC 12)	100	Result	2.1	=	2.1	=	2.1	=	2.1	=
5989-27-5	d-Limonene	-	Result	0.92	=	0.71	U	0.7	U	0.74	=
64-17-5	Ethanol	-	Result	40	=	44	=	33	=	17	=
141-78-6	Ethyl Acetate	73	Result	20	=	71	=	9.4	=	5.6	=
100-41-4	Ethylbenzene	0.97	Result	2	=	0.71	U	0.7	U	1.1	=
87-68-3	Hexachlorobutadiene	0.11	Result	0.74	U	0.71	U	0.7	U	0.65	U
108-38-3/1	m,p-Xylenes	100	Result	7.7	=	1.7	=	1.7	=	4.3	=
80-62-6	Methyl Methacrylate	730	Result	1.5	U	1.4	U	1.4	U	1.3	U
1634-04-4	Methyl tert-Butyl Ether	9.4	Result	0.15	U	0.14	U	0.14	U	0.13	U
75-09-2	Methylene Chloride	96	Result	16	=	18	=	10	=	9.9	=
91-20-3	Naphthalene	0.072	Result	0.74	U	2.9	=	0.7	U	0.65	U
123-86-4	n-Butyl Acetate	-	Result	0.74	U	0.71	U	0.7	U	1.1	=
142-82-5	n-Heptane	-	Result	1.6	=	0.71	U	0.82	=	1.1	=
110-54-3	n-Hexane	730	Result	2.3	=	1.5	=	1.6	=	1.8	=
111-84-2	n-Nonane	21	Result	0.74	U	0.71	U	0.7	U	0.65	U
111-65-9	n-Octane	-	Result	1.3	=	0.71	U	0.7	U	0.68	=
103-65-1	n-Propylbenzene	1,000	Result	0.74	U	0.71	U	0.7	U	0.65	U
95-47-6	o-Xylene	100	Result	2.3	=	0.71	U	0.7	U	1.4	=
115-07-1	Propene	3,100	Result	4.2	=	2.2	=	3.9	=	2.5	=
100-42-5	Styrene	1,000	Result	0.74	U	0.71	U	0.7	U	0.65	U
127-18-4	Tetrachloroethene										

Table A-1
Volatile Organic Compounds (EPA Method TO-15)
October 2013 Ambient Air Monitoring Event
American Cyanamid Superfund Site, Bridgewater, New Jersey

CAS#	Parameter	Residential Air Regional Screening Level $\mu\text{g}/\text{m}^3$	PZAA-C3		PZAA-C4			
			PZAA-C3-103013	PZAA-C3-103013-D	PZAA-C4-103013	10/30/2013		
			Regular		Duplicate			
			$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$		
71-55-6	1,1,1-Trichloroethane	5,200	0.16	U	0.14	U	0.14	U
79-34-5	1,1,2,2-Tetrachloroethane	0.042	0.16	U	0.14	U	0.14	U
79-00-5	1,1,2-Trichloroethane	0.15	0.16	U	0.14	U	0.14	U
75-34-3	1,1-Dichloroethane	1.5	0.16	U	0.14	U	0.14	U
75-35-4	1,1-Dichloroethene	210	0.16	U	0.14	U	0.14	U
120-82-1	1,2,4-Trichlorobenzene	2.1	0.78	U	0.72	U	0.72	U
95-63-6	1,2,4-Trimethylbenzene	7.3	0.78	U	1.5	=	1.5	=
96-12-8	1,2-Dibromo-3-chloropropane	0.00016	0.78	U	0.72	U	0.72	U
106-93-4	1,2-Dibromoethane	0.0041	0.16	U	0.14	U	0.14	U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	-	0.78	U	0.72	U	0.72	U
95-50-1	1,2-Dichlorobenzene	210	0.16	U	0.14	U	0.14	U
107-06-2	1,2-Dichloroethane	0.094	0.16	U	0.14	U	0.14	U
78-87-5	1,2-Dichloropropane	0.24	0.16	U	0.14	U	0.14	U
108-67-8	1,3,5-Trimethylbenzene	-	0.78	U	0.72	U	0.72	U
106-99-0	1,3-Butadiene	0.081	0.31	U	0.29	U	0.3	=
541-73-1	1,3-Dichlorobenzene	-	0.16	U	0.14	U	0.14	U
106-46-7	1,4-Dichlorobenzene	0.22	0.16	U	0.14	U	0.14	U
123-91-1	1,4-Dioxane	0.49	0.78	U	0.72	U	0.72	U
78-93-3	2-Butanone (MEK)	5,200	7.8	U	7.2	U	8.9	=
591-78-6	2-Hexanone	31	0.78	U	0.72	U	1.3	=
67-63-0	2-Propanol (Isopropyl Alcohol)	7,300	7.8	U	7.2	U	7.2	U
107-05-1	3-Chloro-1-propene (Allyl Chloride)	0.41	0.16	U	0.14	U	0.14	U
622-96-8	4-Ethyltoluene	-	0.78	U	0.72	U	0.72	U
108-10-1	4-Methyl-2-pentanone	3,100	0.78	U	0.72	U	1.4	=
67-64-1	Acetone	32,000	17	=	68	=	120	=
75-05-8	Acetonitrile	63	0.78	U	0.72	U	0.72	U
107-02-8	Acrolein	0.021	3.1	U	2.9	U	2.9	U
107-13-1	Acrylonitrile	0.036	0.78	U	0.72	U	0.72	U
80-56-8	alpha-Pinene	-	0.78	U	1.1	=	1.4	=
71-43-2	Benzene	0.31	6	=	6.2	=	3.6	=
100-44-7	Benzyl Chloride	0.05	0.78	U	0.72	U	0.72	U
75-27-4	Bromodichloromethane	0.066	0.16	U	0.14	U	0.14	U
75-25-2	Bromoform	2.2	0.78	U	0.72	U	0.72	U
74-83-9	Bromomethane	5.2	0.16	U	0.14	U	0.14	U
75-15-0	Carbon Disulfide	730	7.8	U	7.2	U	7.2	U
56-23-5	Carbon Tetrachloride	0.41	0.43	=	0.44	=	0.42	=
108-90-7	Chlorobenzene	52	0.16	U	0.14	U	0.14	U
75-00-3	Chloroethane	10,000	0.16	U	0.14	U	0.14	U
67-66-3	Chloroform	0.11	0.24	=	0.25	=	0.23	=
74-87-3	Chloromethane	94	0.52	=	0.49	=	0.49	=
156-59-2	cis-1,2-Dichloroethene	-	0.16	U	0.14	U	0.14	U
10061-01-5	cis-1,3-Dichloropropene	0.61	0.78	U	0.72	U	0.72	U
98-82-8	Cumene	420	0.78	U	0.72	U	0.72	U
110-82-7	Cyclohexane	6,300	1.6	U	1.4	U	1.4	U
124-48-1	Dibromochloromethane	0.09	0.16	U	0.14	U	0.14	U
75-71-8	Dichlorodifluoromethane (CFC 12)	100	2.1	=	2.1	=	2.1	=
5989-27-5	d-Limonene	-	0.78	U	0.79	=	1.3	=
64-17-5	Ethanol	-	10	=	11	=	32	=
141-78-6	Ethyl Acetate	73	3	=	5.6	=	15	=
100-41-4	Ethylbenzene	0.97	0.78	U	1.3	=	1.7	=
87-68-3	Hexachlorobutadiene	0.11	0.78	U	0.72	U	0.72	U
108-38-3/1	m,p-Xylenes	100	1.8	=	5.2	=	6.8	=
80-62-6	Methyl Methacrylate	730	1.6	U	1.4	U	1.4	U
1634-04-4	Methyl tert-Butyl Ether	9.4	0.16	U	0.14	U	0.14	U
75-09-2	Methylene Chloride	96	14	=	14	=	15	=
91-20-3	Naphthalene	0.072	0.78	U	0.72	U	0.72	U
123-86-4	n-Butyl Acetate	-	0.78	U	0.94	=	0.72	U
142-82-5	n-Heptane	-	0.84	=	1.2	=	1.2	=
110-54-3	n-Hexane	730	1.5	=	1.8	=	1.6	=
111-84-2	n-Nonane	21	0.78	U	0.72	U	0.72	U
111-65-9	n-Octane	-	0.78	U	1	=	1.1	=
103-65-1	n-Propylbenzene	1,000	0.78	U	0.72	U	0.72	U
95-47-6	o-Xylene	100	0.78	U	1.7	=	2.1	=
115-07-1	Propene	3,100	1.8	=	2.4	=	4.6	=
100-42-5	Styrene	1,000	0.78	U	0.72	U	0.72	U
127-18-4	Tetrachloroethene	9.4	0.27	=	0.2	=	0.15	=
109-99-9	Tetrahydrofuran (THF)	-	0.78	U	0.72	U	0.72	U
108-88-3	Toluene	5,200	4.4	=	6.2	=	7.3	=
156-60-5	trans-1,2-Dichloroethene	63	0.16	U	0.14	U	0.14	U
10061-02-6	trans-1,3-Dichloropropene	0.61	0.78	U	0.72	U	0.72	U
79-01-6	Trichloroethene	0.43	0.16	U	0.14	U	0.14	U
75-69-4	Trichlorofluoromethane	730	1.2	=	1.2	=	1.1	=
76-13-1	Trichlorotrifluoroethane	31,000	0.51	=	0.51	=	0.5	=
108-05-4	Vinyl Acetate	210	7.8	U	7.2	U	7.2	U
75-01-4	Vinyl Chloride	0.16	0.16	U	0.14	U	0.14	U

Notes:

$\mu\text{g}/\text{m}^3$ = micrograms per cubic meter

U = Compound not detected above the laboratory reporting limit

D = Result was diluted.

- = Regional Screening Level (RSL) does not exist for this parameter

Bold indicates a detection

Yellow highlight = Detected Exceedance of the RSL

Blue highlight = Detection Limit Exceedance of the RSL

RSLs are the residential values published May 2013

http://www.epa.gov/region6/6pd/cra_c/pd-n/screen.htm

EPA provided two sets of tables (THQ=1.0 or THQ=0.1). At the Pfizer site, THQ of 1.0 is used. THQ of 0.1 was not used because the rationale for using THQ of 0.1 for screening is that if 10 chemicals were at a site and all narrowly passed a screening at THQ=1.0, the resulting total HI could actually be 10.

Table A-2

Aldehydes (EPA Method TO-11A) and PAHs (EPA Method TO-13A)

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

Sample Location Field Sample ID Sample Date Sample Type Units	PZAA-C1		PZAA-C2		PZAA-C3					
	PZAA-C1-103013	PZAA-C2-103013	PZAA-C3-103013	PZAA-C3-103013-D						
	10/30/2013	10/30/2013	10/30/2013	10/30/2013						
	Regular	Regular	Regular	Duplicate						
μg/m³		μg/m³		μg/m³		μg/m³		μg/m³		
CAS#	Parameter	Residential Air Regional Screening Level μg/m³	Result	Qual	Result	Qual	Result	Qual	Result	Qual
5779-94-2	2,5-Demethylbenzaldehyde	–	0.333	U	0.325	U	0.180	U	0.180	U
529-20-4	2-Methylbenzaldehyde	–	0.222	U	0.216	U	0.120	U	0.120	U
–	3-Methylbenzaldehyde + 4-Methylbenzaldehyde	–	0.556	U	0.541	U	0.299	U	0.299	U
590-86-3	3-Methylbutyraldehyde	–	0.556	U	0.541	U	0.299	U	0.299	U
83-32-9	Acenaphthene	–	0.078	U	0.075	U	0.075	U	0.075	U
208-96-8	Acenaphthylene	–	0.078	U	0.075	U	0.075	U	0.075	U
75-07-0	Acetaldehyde	1.1	0.556	U	0.682	=	0.299	U	0.299	U
107-02-8	Acrolein	0.21	0.222	U	0.216	U	0.120	U	0.120	U
120-12-7	Anthracene	–	0.078	U	0.075	U	0.075	U	0.075	U
100-52-7	Benzaldehyde	–	0.222	U	0.216	U	0.120	U	0.120	U
56-55-3	Benzo(a)anthracene	0.0087	0.078	U	0.075	U	0.075	U	0.075	U
50-32-8	Benzo(a)pyrene	0.00087	0.078	U	0.075	U	0.075	U	0.075	U
205-99-2	Benzo(b)fluoranthene	0.0087	0.078	U	0.075	U	0.075	U	0.075	U
191-24-2	Benzo(g,h,i)perylene	–	0.078	U	0.075	U	0.075	U	0.075	U
207-08-9	Benzo(k)fluoranthene	0.0087	0.078	U	0.075	U	0.075	U	0.075	U
123-72-8	Butyraldehyde	–	0.222	U	0.216	U	0.120	U	0.120	U
218-01-9	Chrysene	0.087	0.078	U	0.075	U	0.075	U	0.075	U
123-73-9	Crotonaldehyde	–	0.222	U	0.216	U	0.120	U	0.120	U
53-70-3	Dibenz(a,h)anthracene	0.0008	0.078	U	0.075	U	0.075	U	0.075	U
206-44-0	Fluoranthene	–	0.078	U	0.075	U	0.075	U	0.075	U
86-73-7	Fluorene	–	0.078	U	0.075	U	0.075	U	0.075	U
50-00-0	Formaldehyde	0.19	1.40	=	1.30	=	0.203	=	0.120	U
66-25-1	Hexanaldehyde	–	0.222	U	0.216	U	0.120	U	0.120	U
193-39-5	Indeno(1,2,3-c,d)pyrene	0.0087	0.078	U	0.075	U	0.075	U	0.075	U
91-20-3	Naphthalene	0.072	0.780	U	0.750	U	0.750	U	0.750	U
85-01-8	Phenanthrene	–	0.078	U	0.075	U	0.075	U	0.075	U
123-38-6	Propionaldehyde	8.3	0.222	U	0.216	U	0.120	U	0.120	U
129-00-0	Pyrene	–	0.078	U	0.075	U	0.075	U	0.075	U
110-62-3	Valeraldehyde	–	0.222	U	0.216	U	0.120	U	0.120	U

Notes:

μg/m³ = micrograms per cubic meter

U = Compound was not detected above the laboratory reporting limit.

– = CAS # or Regional Screening Level (RSL) does not exist for this parameter.

Bold indicates a detection

Yellow highlight = Detected Exceedance of the RSL

Blue highlight = Detection Limit Exceedance of the RSL

RSLs are the residential values published November 2013

http://www.epa.gov/region6/6pd/rcre_c/pd-n/screen.htm

EPA provided two sets of tables (THQ=1.0 or THQ=0.1). At the Pfizer site, THQ of 1.0 is used. THQ of 0.1 was not used because the rationale for using THQ of 0.1 for screening is that if 10 chemicals were at a site and all narrowly passed a screening at THQ=1.0, the resulting total HI could actually be 10.

Table A-3

Reduced Sulfur Compounds Analyzed Using Method ASTM D 5504-08

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

CAS	Parameter	Residential Air Regional Screening Level $\mu\text{g}/\text{m}^3$	PZAA-C1				PZAA-C2						
			Field Sample ID		PZAA-C1a-102913	PZAA-C1b-102913	PZAA-C1c-102913	Field Sample ID		PZAA-C2a-102913	PZAA-C2b-102913	PZAA-C2c-102913	
			Sample Date	10/29/2013	10/29/2013	10/29/2013	Sample Date	10/29/2013	10/29/2013	10/29/2013	10/29/2013	10/29/2013	
			Sample Type	Regular	Regular	Regular	Sample Type	Regular	Regular	Regular	Regular	Regular	
			Units	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	Units	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	
CAS	Parameter	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
638-02-8	2,5-Dimethylthiophene	-		23	U	23	U	23	U	23	U	23	U
872-55-9	2-Ethylthiophene	-		23	U	23	U	23	U	23	U	23	U
616-44-4	3-Methylthiophene	-		20	U	20	U	20	U	20	U	20	U
75-15-0	Carbon Disulfide	730		7.8	U	7.8	U	7.8	U	7.8	U	7.8	U
463-58-1	Carbonyl Sulfide	-		12	U	12	U	12	U	12	U	12	U
110-81-6	Diethyl Disulfide	-		12	U	12	U	12	U	12	U	12	U
352-93-2	Diethyl Sulfide	-		18	U	18	U	18	U	18	U	18	U
75-18-3	Dimethyl Sulfide	-		13	U	13	U	13	U	13	U	13	U
75-08-1	Ethyl Mercaptan	-		13	U	13	U	13	U	13	U	13	U
624-89-5	Ethyl Methyl Sulfide	-		16	U	16	U	16	U	16	U	16	U
7783-06-4	Hydrogen Sulfide	2.1		7	U	7	U	7	U	7	U	7	U
513-44-0	Isobutyl Mercaptan	-		18	U	18	U	18	U	18	U	18	U
75-33-2	Isopropyl Mercaptan	-		16	U	16	U	16	U	16	U	16	U
624-92-0	Methyl Disulfide	-		9.6	U	9.6	U	9.6	U	9.6	U	9.6	U
74-93-1	Methyl Mercaptan	-		9.8	U	9.8	U	9.8	U	9.8	U	9.8	U
109-79-5	n-Butyl Mercaptan	-		18	U	18	U	18	U	18	U	18	U
107-03-9	n-Propyl Mercaptan	-		16	U	16	U	16	U	16	U	16	U
75-66-1	tert-Butyl Mercaptan	-		18	U	18	U	18	U	18	U	18	U
110-01-0	Tetrahydrothiophene	-		18	U	18	U	18	U	18	U	18	U
110-02-1	Thiophene	-		17	U	17	U	17	U	17	U	17	U

Notes:

 $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter

U = Compound was not detected above the reporting limit.

- = Regional Screening Level (RSL) does not exist for this parameter

Blue highlight = Detection Limit Exceedance of the RSL

RSLs are the residential values published November 2013

http://www.epa.gov/region6/6pd/rcre_c/pd-n/screen.htm

EPA provided two sets of tables (THQ=1.0 or THQ=0.1). At the Pfizer site, THQ of 1.0 is used. THQ of 0.1 was not used because the rationale for using THQ of 0.1 for screening is that if 10 chemicals were at a site and all narrowly passed a screening at THQ=1.0, the resulting total HI could actually be 10.

Table A-3
 Reduced Sulfur Compounds Analyzed Using Method ASTM D 550
October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

Sample Location Field Sample ID Sample Date Sample Type Units	PZAA-C3							
	PZAA-C3a-102913	PZAA-C3b-102913	PZAA-C3c-102913					
	10/29/2013	10/29/2013	10/29/2013					
	Regular	Regular	Regular					
	µg/m³	µg/m³	µg/m³					
CAS	Parameter	Residential Air Regional Screening Level µg/m³	Result	Qual	Result	Qual	Result	Qual
638-02-8	2,5-Dimethylthiophene	–	23	U	23	U	23	U
872-55-9	2-Ethylthiophene	–	23	U	23	U	23	U
616-44-4	3-Methylthiophene	–	20	U	20	U	20	U
75-15-0	Carbon Disulfide	730	7.8	U	7.8	U	7.8	U
463-58-1	Carbonyl Sulfide	–	12	U	12	U	12	U
110-81-6	Diethyl Disulfide	–	12	U	12	U	12	U
352-93-2	Diethyl Sulfide	–	18	U	18	U	18	U
75-18-3	Dimethyl Sulfide	–	13	U	13	U	13	U
75-08-1	Ethyl Mercaptan	–	13	U	13	U	13	U
624-89-5	Ethyl Methyl Sulfide	–	16	U	16	U	16	U
7783-06-4	Hydrogen Sulfide	2.1	7	U	7	U	7	U
513-44-0	Isobutyl Mercaptan	–	18	U	18	U	18	U
75-33-2	Isopropyl Mercaptan	–	16	U	16	U	16	U
624-92-0	Methyl Disulfide	–	9.6	U	9.6	U	9.6	U
74-93-1	Methyl Mercaptan	–	9.8	U	9.8	U	9.8	U
109-79-5	n-Butyl Mercaptan	–	18	U	18	U	18	U
107-03-9	n-Propyl Mercaptan	–	16	U	16	U	16	U
75-66-1	tert-Butyl Mercaptan	–	18	U	18	U	18	U
110-01-0	Tetrahydrothiophene	–	18	U	18	U	18	U
110-02-1	Thiophene	–	17	U	17	U	17	U

Notes:

µg/m³ = micrograms per cubic meter

U = Compound was not detected above the reporting limit.

– = Regional Screening Level (RSL) does not exist for this parameter

Blue highlight = Detection Limit Exceedance of the RSL

RSLs are the residential values published November 2013

http://www.epa.gov/region6/6pd/rcre_c/pd-n/screen.htm

EPA provided two sets of tables (THQ=1.0 or THQ=0.1). At the Pfizer site, THQ of 1.0 is used. THQ of 0.1 was not used because the rationale for using THQ of 0.1 for screening is that if 10 chemicals were at a site and all narrowly passed a screening at THQ=1.0, the resulting total HI could actually be 10.

Table A-4

PM 10 Analyzed Using Gravimetric Methods

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

Sample Location	PZAA-C3		
Sample ID	PZAA-C3-103013		
Sample Date	10/30/2013		
Units	mg/sample	mg/sample	mg/m ³
	Result	MRL	Air Volume
Particulate as PM ₁₀	0.44	1.0	0.018

Notes:

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

mg = milligrams

mg/m³ = milligrams per cubic meter

Appendix B
Weather Station Data – October 2013

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
12:00 AM	30.3	58.0	0.0	49.6	112.0	5.1
12:01 AM	30.3	58.0	0.0	49.5	112.0	2.8
12:02 AM	30.3	58.0	0.0	49.5	112.0	3.0
12:03 AM	30.3	58.0	0.0	49.4	112.0	4.7
12:04 AM	30.3	58.0	0.0	49.4	112.0	2.8
12:05 AM	30.3	58.0	0.0	49.3	112.0	1.6
12:06 AM	30.3	58.0	0.0	49.3	112.0	1.6
12:07 AM	30.3	59.0	0.0	49.2	112.0	2.8
12:08 AM	30.3	59.0	0.0	49.2	67.0	3.7
12:09 AM	30.3	59.0	0.0	49.1	67.0	2.8
12:10 AM	30.3	59.0	0.0	49.1	90.0	2.1
12:11 AM	30.3	59.0	0.0	49.1	90.0	4.0
12:12 AM	30.3	59.0	0.0	49.1	90.0	3.7
12:13 AM	30.3	59.0	0.0	49.1	90.0	2.8
12:14 AM	30.3	59.0	0.0	49.1	90.0	4.7
12:15 AM	30.3	59.0	0.0	49.1	90.0	4.4
12:16 AM	30.3	59.0	0.0	49.1	112.0	4.9
12:17 AM	30.3	59.0	0.0	49.1	112.0	3.5
12:18 AM	30.3	59.0	0.0	49.2	112.0	3.5
12:19 AM	30.3	59.0	0.0	49.2	112.0	3.0
12:20 AM	30.3	59.0	0.0	49.2	112.0	3.3
12:21 AM	30.3	59.0	0.0	49.2	112.0	2.6
12:22 AM	30.3	59.0	0.0	49.2	112.0	1.2
12:23 AM	30.3	59.0	0.0	49.1	112.0	2.1
12:24 AM	30.3	59.0	0.0	49.1	112.0	2.3
12:25 AM	30.3	59.0	0.0	49.0	112.0	1.9
12:26 AM	30.3	59.0	0.0	49.0	112.0	1.9
12:27 AM	30.3	59.0	0.0	48.9	90.0	2.6
12:28 AM	30.3	59.0	0.0	48.8	90.0	2.3
12:29 AM	30.3	59.0	0.0	48.7	90.0	0.0
12:30 AM	30.3	59.0	0.0	48.7	90.0	1.9
12:31 AM	30.3	60.0	0.0	48.6	90.0	2.3
12:32 AM	30.3	60.0	0.0	48.6	135.0	4.2
12:33 AM	30.3	60.0	0.0	48.6	112.0	3.5
12:34 AM	30.3	60.0	0.0	48.6	112.0	3.7
12:35 AM	30.3	60.0	0.0	48.6	112.0	4.4
12:36 AM	30.3	60.0	0.0	48.6	112.0	4.2
12:37 AM	30.3	60.0	0.0	48.6	112.0	3.7
12:38 AM	30.3	60.0	0.0	48.6	112.0	3.3
12:39 AM	30.3	60.0	0.0	48.7	112.0	3.3
12:40 AM	30.3	60.0	0.0	48.6	67.0	2.6
12:41 AM	30.3	60.0	0.0	48.6	67.0	4.0
12:42 AM	30.3	60.0	0.0	48.6	67.0	2.3
12:43 AM	30.3	60.0	0.0	48.5	67.0	2.3
12:44 AM	30.3	60.0	0.0	48.4	67.0	3.0
12:45 AM	30.3	60.0	0.0	48.4	67.0	2.6
12:46 AM	30.3	60.0	0.0	48.4	67.0	1.4
12:47 AM	30.3	60.0	0.0	48.3	22.0	3.5
12:48 AM	30.3	60.0	0.0	48.2	360.0	5.6
12:49 AM	30.3	60.0	0.0	48.1	45.0	5.8
12:50 AM	30.3	60.0	0.0	48.0	22.0	5.1
12:51 AM	30.3	61.0	0.0	48.0	22.0	4.4
12:52 AM	30.3	61.0	0.0	47.9	22.0	5.6
12:53 AM	30.3	61.0	0.0	47.8	22.0	7.0

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
12:54 AM	30.3	61.0	0.0	47.8	22.0	5.8
12:55 AM	30.3	61.0	0.0	47.7	22.0	9.8
12:56 AM	30.3	61.0	0.0	47.7	22.0	7.2
12:57 AM	30.3	61.0	0.0	47.6	22.0	7.7
12:58 AM	30.3	61.0	0.0	47.6	22.0	6.5
12:59 AM	30.3	61.0	0.0	47.6	22.0	5.4
1:00 AM	30.3	62.0	0.0	47.6	22.0	5.4
1:01 AM	30.3	62.0	0.0	47.6	22.0	6.3
1:02 AM	30.3	62.0	0.0	47.6	22.0	4.9
1:03 AM	30.3	62.0	0.0	47.6	22.0	5.6
1:04 AM	30.3	62.0	0.0	47.6	22.0	5.1
1:05 AM	30.3	62.0	0.0	47.6	45.0	5.1
1:06 AM	30.3	62.0	0.0	47.6	22.0	5.6
1:07 AM	30.3	62.0	0.0	47.6	22.0	5.1
1:08 AM	30.3	62.0	0.0	47.6	22.0	6.3
1:09 AM	30.3	62.0	0.0	47.6	22.0	5.8
1:10 AM	30.3	62.0	0.0	47.6	22.0	5.4
1:11 AM	30.3	62.0	0.0	47.6	22.0	6.1
1:12 AM	30.3	62.0	0.0	47.6	45.0	5.6
1:13 AM	30.3	62.0	0.0	47.6	45.0	5.8
1:14 AM	30.3	62.0	0.0	47.5	45.0	5.6
1:15 AM	30.3	62.0	0.0	47.5	45.0	4.4
1:16 AM	30.3	62.0	0.0	47.5	67.0	5.4
1:17 AM	30.3	62.0	0.0	47.5	45.0	4.0
1:18 AM	30.3	62.0	0.0	47.5	45.0	5.4
1:19 AM	30.3	62.0	0.0	47.4	67.0	3.5
1:20 AM	30.3	62.0	0.0	47.4	67.0	5.8
1:21 AM	30.3	62.0	0.0	47.3	67.0	2.8
1:22 AM	30.3	62.0	0.0	47.3	67.0	5.1
1:23 AM	30.3	62.0	0.0	47.3	67.0	4.4
1:24 AM	30.3	62.0	0.0	47.2	67.0	5.6
1:25 AM	30.3	62.0	0.0	47.2	67.0	5.8
1:26 AM	30.3	62.0	0.0	47.2	67.0	3.7
1:27 AM	30.3	62.0	0.0	47.1	67.0	3.5
1:28 AM	30.3	63.0	0.0	47.1	67.0	5.1
1:29 AM	30.3	63.0	0.0	47.1	67.0	3.3
1:30 AM	30.3	63.0	0.0	47.0	67.0	2.8
1:31 AM	30.3	63.0	0.0	47.0	67.0	3.5
1:32 AM	30.3	63.0	0.0	46.9	67.0	3.0
1:33 AM	30.3	63.0	0.0	46.9	67.0	3.5
1:34 AM	30.3	63.0	0.0	46.9	67.0	5.4
1:35 AM	30.3	63.0	0.0	46.9	67.0	4.4
1:36 AM	30.3	63.0	0.0	47.0	67.0	1.9
1:37 AM	30.3	63.0	0.0	46.9	67.0	3.3
1:38 AM	30.3	64.0	0.0	46.9	67.0	1.9
1:39 AM	30.3	64.0	0.0	46.9	67.0	2.6
1:40 AM	30.3	64.0	0.0	46.8	67.0	2.6
1:41 AM	30.3	64.0	0.0	46.8	67.0	4.2
1:42 AM	30.3	64.0	0.0	46.8	67.0	10.7
1:43 AM	30.3	64.0	0.0	46.8	90.0	6.3
1:44 AM	30.3	64.0	0.0	46.7	67.0	7.0
1:45 AM	30.3	64.0	0.0	46.7	67.0	6.8
1:46 AM	30.3	64.0	0.0	46.7	67.0	5.8
1:47 AM	30.3	64.0	0.0	46.7	67.0	8.2

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
1:48 AM	30.3	64.0	0.0	46.7	67.0	5.8
1:49 AM	30.3	64.0	0.0	46.8	67.0	7.7
1:50 AM	30.3	64.0	0.0	46.8	67.0	5.8
1:51 AM	30.3	64.0	0.0	46.9	67.0	6.8
1:52 AM	30.3	63.0	0.0	46.9	67.0	7.5
1:53 AM	30.3	63.0	0.0	46.9	67.0	5.6
1:54 AM	30.3	63.0	0.0	46.9	67.0	5.8
1:55 AM	30.3	63.0	0.0	46.9	67.0	5.4
1:56 AM	30.3	63.0	0.0	46.9	67.0	5.6
1:57 AM	30.3	63.0	0.0	46.9	67.0	4.9
1:58 AM	30.3	63.0	0.0	46.9	67.0	8.4
1:59 AM	30.3	63.0	0.0	46.8	67.0	6.5
2:00 AM	30.3	63.0	0.0	46.8	67.0	6.8
2:01 AM	30.3	63.0	0.0	46.8	67.0	10.3
2:02 AM	30.3	63.0	0.0	46.8	45.0	11.7
2:03 AM	30.3	63.0	0.0	46.8	67.0	7.7
2:04 AM	30.3	63.0	0.0	46.8	67.0	6.3
2:05 AM	30.3	63.0	0.0	46.8	67.0	6.1
2:06 AM	30.3	63.0	0.0	46.8	67.0	6.1
2:07 AM	30.3	63.0	0.0	46.8	67.0	7.0
2:08 AM	30.3	63.0	0.0	46.8	67.0	10.7
2:09 AM	30.3	63.0	0.0	46.8	67.0	9.8
2:10 AM	30.3	63.0	0.0	46.8	67.0	6.3
2:11 AM	30.3	63.0	0.0	46.7	67.0	9.3
2:12 AM	30.3	63.0	0.0	46.7	67.0	7.7
2:13 AM	30.3	63.0	0.0	46.7	67.0	7.9
2:14 AM	30.3	63.0	0.0	46.6	67.0	8.2
2:15 AM	30.3	63.0	0.0	46.6	67.0	7.7
2:16 AM	30.3	63.0	0.0	46.6	67.0	6.3
2:17 AM	30.3	63.0	0.0	46.6	67.0	7.7
2:18 AM	30.3	63.0	0.0	46.5	67.0	9.6
2:19 AM	30.3	63.0	0.0	46.5	67.0	8.9
2:20 AM	30.3	63.0	0.0	46.5	67.0	9.8
2:21 AM	30.3	63.0	0.0	46.5	67.0	8.9
2:22 AM	30.3	63.0	0.0	46.4	67.0	6.5
2:23 AM	30.3	63.0	0.0	46.4	67.0	6.5
2:24 AM	30.3	63.0	0.0	46.4	67.0	8.2
2:25 AM	30.3	64.0	0.0	46.3	67.0	8.4
2:26 AM	30.3	64.0	0.0	46.3	67.0	8.6
2:27 AM	30.3	64.0	0.0	46.3	67.0	10.7
2:28 AM	30.3	64.0	0.0	46.2	67.0	12.8
2:29 AM	30.3	64.0	0.0	46.2	67.0	10.7
2:30 AM	30.3	64.0	0.0	46.2	67.0	6.5
2:31 AM	30.3	64.0	0.0	46.2	67.0	8.6
2:32 AM	30.3	64.0	0.0	46.2	67.0	8.2
2:33 AM	30.3	64.0	0.0	46.1	67.0	6.5
2:34 AM	30.3	64.0	0.0	46.1	67.0	7.7
2:35 AM	30.3	64.0	0.0	46.1	67.0	6.5
2:36 AM	30.3	64.0	0.0	46.0	67.0	7.9
2:37 AM	30.3	64.0	0.0	46.0	90.0	7.0
2:38 AM	30.3	64.0	0.0	46.0	67.0	8.2
2:39 AM	30.3	64.0	0.0	45.9	67.0	6.5
2:40 AM	30.3	64.0	0.0	45.9	67.0	6.1
2:41 AM	30.3	64.0	0.0	45.8	67.0	7.9

Table B-1

October 29, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
2:42 AM	30.3	64.0	0.0	45.8	67.0	10.0
2:43 AM	30.3	64.0	0.0	45.8	67.0	8.4
2:44 AM	30.3	64.0	0.0	45.8	67.0	7.2
2:45 AM	30.3	64.0	0.0	45.8	67.0	9.1
2:46 AM	30.3	64.0	0.0	45.8	67.0	5.8
2:47 AM	30.3	64.0	0.0	45.8	67.0	7.7
2:48 AM	30.3	64.0	0.0	45.8	67.0	8.4
2:49 AM	30.3	64.0	0.0	45.7	67.0	7.2
2:50 AM	30.3	63.0	0.0	45.8	67.0	6.3
2:51 AM	30.3	63.0	0.0	45.8	67.0	7.9
2:52 AM	30.3	63.0	0.0	45.8	67.0	6.5
2:53 AM	30.3	63.0	0.0	45.8	90.0	7.9
2:54 AM	30.3	63.0	0.0	45.7	67.0	7.0
2:55 AM	30.3	63.0	0.0	45.7	67.0	7.2
2:56 AM	30.3	63.0	0.0	45.7	90.0	5.4
2:57 AM	30.3	63.0	0.0	45.7	67.0	6.5
2:58 AM	30.3	63.0	0.0	45.7	67.0	6.5
2:59 AM	30.3	63.0	0.0	45.7	67.0	6.8
3:00 AM	30.3	63.0	0.0	45.7	67.0	7.5
3:01 AM	30.3	63.0	0.0	45.6	67.0	6.1
3:02 AM	30.3	63.0	0.0	45.6	67.0	6.1
3:03 AM	30.3	63.0	0.0	45.6	67.0	6.3
3:04 AM	30.3	63.0	0.0	45.5	67.0	7.7
3:05 AM	30.3	63.0	0.0	45.5	67.0	9.3
3:06 AM	30.3	63.0	0.0	45.5	67.0	8.6
3:07 AM	30.3	63.0	0.0	45.5	67.0	7.9
3:08 AM	30.3	63.0	0.0	45.5	67.0	8.2
3:09 AM	30.3	63.0	0.0	45.5	90.0	5.4
3:10 AM	30.3	63.0	0.0	45.4	67.0	7.9
3:11 AM	30.3	63.0	0.0	45.4	67.0	7.7
3:12 AM	30.3	63.0	0.0	45.4	67.0	8.9
3:13 AM	30.3	63.0	0.0	45.5	67.0	7.7
3:14 AM	30.3	63.0	0.0	45.5	67.0	7.9
3:15 AM	30.3	63.0	0.0	45.5	67.0	6.8
3:16 AM	30.3	63.0	0.0	45.4	67.0	6.5
3:17 AM	30.3	63.0	0.0	45.4	67.0	6.8
3:18 AM	30.3	63.0	0.0	45.4	90.0	11.2
3:19 AM	30.3	63.0	0.0	45.4	67.0	6.5
3:20 AM	30.3	63.0	0.0	45.4	67.0	9.6
3:21 AM	30.3	63.0	0.0	45.4	67.0	7.9
3:22 AM	30.3	63.0	0.0	45.4	67.0	7.5
3:23 AM	30.3	63.0	0.0	45.4	90.0	7.2
3:24 AM	30.3	63.0	0.0	45.4	67.0	8.2
3:25 AM	30.3	62.0	0.0	45.4	67.0	8.6
3:26 AM	30.3	62.0	0.0	45.4	67.0	7.5
3:27 AM	30.3	62.0	0.0	45.4	67.0	7.5
3:28 AM	30.3	62.0	0.0	45.4	67.0	7.7
3:29 AM	30.3	62.0	0.0	45.4	67.0	6.1
3:30 AM	30.3	62.0	0.0	45.4	67.0	6.8
3:31 AM	30.3	62.0	0.0	45.4	67.0	7.7
3:32 AM	30.3	62.0	0.0	45.4	67.0	8.6
3:33 AM	30.3	62.0	0.0	45.3	67.0	9.6
3:34 AM	30.3	62.0	0.0	45.4	67.0	7.0
3:35 AM	30.3	62.0	0.0	45.4	67.0	7.2

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
3:36 AM	30.3	62.0	0.0	45.3	67.0	7.2
3:37 AM	30.3	62.0	0.0	45.3	67.0	7.7
3:38 AM	30.3	62.0	0.0	45.4	67.0	9.3
3:39 AM	30.3	62.0	0.0	45.3	67.0	7.7
3:40 AM	30.3	62.0	0.0	45.3	67.0	7.0
3:41 AM	30.3	62.0	0.0	45.3	67.0	6.8
3:42 AM	30.3	62.0	0.0	45.3	67.0	10.3
3:43 AM	30.3	61.0	0.0	45.4	67.0	9.8
3:44 AM	30.3	61.0	0.0	45.3	67.0	9.1
3:45 AM	30.3	61.0	0.0	45.3	67.0	8.4
3:46 AM	30.3	61.0	0.0	45.3	45.0	8.9
3:47 AM	30.3	61.0	0.0	45.3	45.0	8.9
3:48 AM	30.3	61.0	0.0	45.3	67.0	9.6
3:49 AM	30.3	61.0	0.0	45.3	45.0	10.0
3:50 AM	30.3	61.0	0.0	45.2	22.0	5.6
3:51 AM	30.3	61.0	0.0	45.2	67.0	9.3
3:52 AM	30.3	61.0	0.0	45.2	67.0	7.0
3:53 AM	30.3	61.0	0.0	45.1	22.0	11.4
3:54 AM	30.3	61.0	0.0	45.1	45.0	10.7
3:55 AM	30.3	61.0	0.0	45.1	67.0	7.2
3:56 AM	30.3	61.0	0.0	45.1	67.0	9.1
3:57 AM	30.3	61.0	0.0	45.1	67.0	8.6
3:58 AM	30.3	61.0	0.0	45.1	67.0	6.8
3:59 AM	30.3	61.0	0.0	45.1	67.0	12.1
4:00 AM	30.3	60.0	0.0	45.1	45.0	7.2
4:01 AM	30.3	60.0	0.0	45.1	67.0	13.5
4:02 AM	30.3	60.0	0.0	45.1	45.0	13.1
4:03 AM	30.3	60.0	0.0	45.1	67.0	11.7
4:04 AM	30.3	60.0	0.0	45.1	45.0	12.6
4:05 AM	30.3	60.0	0.0	45.1	67.0	7.2
4:06 AM	30.3	60.0	0.0	45.2	67.0	8.9
4:07 AM	30.3	60.0	0.0	45.2	67.0	8.4
4:08 AM	30.3	60.0	0.0	45.2	67.0	12.8
4:09 AM	30.3	60.0	0.0	45.2	45.0	9.6
4:10 AM	30.3	60.0	0.0	45.2	67.0	8.9
4:11 AM	30.3	60.0	0.0	45.2	45.0	5.8
4:12 AM	30.3	60.0	0.0	45.2	67.0	12.4
4:13 AM	30.3	60.0	0.0	45.2	67.0	9.8
4:14 AM	30.3	60.0	0.0	45.2	67.0	9.3
4:15 AM	30.3	60.0	0.0	45.2	67.0	6.5
4:16 AM	30.3	60.0	0.0	45.2	67.0	6.1
4:17 AM	30.3	60.0	0.0	45.2	67.0	7.5
4:18 AM	30.3	60.0	0.0	45.2	67.0	9.3
4:19 AM	30.3	60.0	0.0	45.2	67.0	8.6
4:20 AM	30.3	60.0	0.0	45.1	67.0	10.5
4:21 AM	30.3	60.0	0.0	45.1	45.0	10.0
4:22 AM	30.3	60.0	0.0	45.1	22.0	12.4
4:23 AM	30.3	60.0	0.0	45.1	22.0	6.5
4:24 AM	30.3	60.0	0.0	45.1	67.0	8.9
4:25 AM	30.3	60.0	0.0	45.1	45.0	9.6
4:26 AM	30.3	60.0	0.0	45.1	45.0	9.6
4:27 AM	30.3	60.0	0.0	45.1	67.0	7.7
4:28 AM	30.3	60.0	0.0	45.0	67.0	6.1
4:29 AM	30.3	60.0	0.0	45.0	67.0	6.5

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
4:30 AM	30.3	60.0	0.0	45.0	67.0	7.7
4:31 AM	30.3	60.0	0.0	45.0	67.0	7.2
4:32 AM	30.3	60.0	0.0	45.0	67.0	7.9
4:33 AM	30.3	60.0	0.0	45.0	67.0	6.8
4:34 AM	30.3	60.0	0.0	45.0	67.0	9.3
4:35 AM	30.3	60.0	0.0	45.0	67.0	6.5
4:36 AM	30.3	60.0	0.0	45.0	67.0	9.6
4:37 AM	30.3	60.0	0.0	45.0	67.0	11.0
4:38 AM	30.3	60.0	0.0	45.0	67.0	7.9
4:39 AM	30.3	60.0	0.0	45.0	67.0	7.9
4:40 AM	30.3	60.0	0.0	45.0	67.0	6.8
4:41 AM	30.3	60.0	0.0	45.0	67.0	6.5
4:42 AM	30.3	60.0	0.0	45.0	67.0	8.4
4:43 AM	30.3	60.0	0.0	45.0	67.0	8.6
4:44 AM	30.3	60.0	0.0	45.0	67.0	7.5
4:45 AM	30.3	60.0	0.0	45.0	67.0	10.5
4:46 AM	30.3	60.0	0.0	45.0	67.0	5.6
4:47 AM	30.3	60.0	0.0	45.0	45.0	10.3
4:48 AM	30.3	60.0	0.0	45.0	45.0	10.0
4:49 AM	30.3	60.0	0.0	45.0	45.0	9.8
4:50 AM	30.3	60.0	0.0	44.9	45.0	8.9
4:51 AM	30.3	60.0	0.0	44.9	67.0	6.8
4:52 AM	30.3	60.0	0.0	44.9	45.0	9.3
4:53 AM	30.3	60.0	0.0	44.9	45.0	12.8
4:54 AM	30.3	60.0	0.0	44.9	67.0	10.5
4:55 AM	30.3	60.0	0.0	44.9	67.0	8.4
4:56 AM	30.3	60.0	0.0	44.9	45.0	9.3
4:57 AM	30.3	60.0	0.0	44.8	67.0	7.0
4:58 AM	30.3	60.0	0.0	44.8	45.0	10.7
4:59 AM	30.3	60.0	0.0	44.8	45.0	8.4
5:00 AM	30.3	60.0	0.0	44.8	45.0	10.3
5:01 AM	30.3	60.0	0.0	44.7	67.0	10.5
5:02 AM	30.3	59.0	0.0	44.7	67.0	8.2
5:03 AM	30.3	59.0	0.0	44.7	67.0	8.9
5:04 AM	30.3	59.0	0.0	44.7	67.0	8.9
5:05 AM	30.3	59.0	0.0	44.7	67.0	7.0
5:06 AM	30.3	59.0	0.0	44.7	67.0	8.4
5:07 AM	30.3	59.0	0.0	44.7	67.0	6.1
5:08 AM	30.3	59.0	0.0	44.7	67.0	6.8
5:09 AM	30.3	59.0	0.0	44.6	45.0	5.6
5:10 AM	30.3	59.0	0.0	44.6	67.0	5.8
5:11 AM	30.3	59.0	0.0	44.6	67.0	7.7
5:12 AM	30.3	59.0	0.0	44.6	45.0	6.8
5:13 AM	30.3	59.0	0.0	44.5	22.0	7.5
5:14 AM	30.3	59.0	0.0	44.5	45.0	7.7
5:15 AM	30.3	59.0	0.0	44.5	67.0	8.2
5:16 AM	30.3	60.0	0.0	44.5	67.0	8.4
5:17 AM	30.3	60.0	0.0	44.5	67.0	8.2
5:18 AM	30.3	60.0	0.0	44.5	45.0	7.7
5:19 AM	30.3	60.0	0.0	44.4	45.0	7.9
5:20 AM	30.3	60.0	0.0	44.4	67.0	8.6
5:21 AM	30.3	60.0	0.0	44.4	45.0	9.1
5:22 AM	30.3	60.0	0.0	44.4	67.0	5.8
5:23 AM	30.3	60.0	0.0	44.4	67.0	6.3

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
5:24 AM	30.3	60.0	0.0	44.3	45.0	11.4
5:25 AM	30.3	60.0	0.0	44.3	45.0	6.8
5:26 AM	30.3	60.0	0.0	44.2	22.0	6.3
5:27 AM	30.3	60.0	0.0	44.2	67.0	8.6
5:28 AM	30.3	60.0	0.0	44.2	67.0	7.0
5:29 AM	30.3	60.0	0.0	44.2	67.0	5.1
5:30 AM	30.3	60.0	0.0	44.1	67.0	4.2
5:31 AM	30.3	60.0	0.0	44.1	67.0	3.7
5:32 AM	30.3	61.0	0.0	44.1	67.0	3.7
5:33 AM	30.3	61.0	0.0	44.1	67.0	4.9
5:34 AM	30.3	61.0	0.0	44.1	67.0	6.5
5:35 AM	30.3	61.0	0.0	44.1	67.0	5.4
5:36 AM	30.3	61.0	0.0	44.1	67.0	7.0
5:37 AM	30.3	61.0	0.0	44.1	67.0	7.5
5:38 AM	30.3	61.0	0.0	44.1	67.0	7.5
5:39 AM	30.3	61.0	0.0	44.0	67.0	5.6
5:40 AM	30.3	61.0	0.0	44.0	67.0	5.4
5:41 AM	30.3	61.0	0.0	44.0	67.0	8.4
5:42 AM	30.3	61.0	0.0	44.0	67.0	7.5
5:43 AM	30.3	61.0	0.0	44.0	90.0	7.5
5:44 AM	30.3	61.0	0.0	44.0	67.0	4.4
5:45 AM	30.3	61.0	0.0	43.9	67.0	5.1
5:46 AM	30.3	61.0	0.0	43.9	45.0	6.3
5:47 AM	30.3	61.0	0.0	43.9	67.0	7.7
5:48 AM	30.3	61.0	0.0	43.9	67.0	7.7
5:49 AM	30.3	61.0	0.0	43.9	45.0	6.3
5:50 AM	30.3	61.0	0.0	43.9	45.0	5.8
5:51 AM	30.3	61.0	0.0	43.8	45.0	9.1
5:52 AM	30.3	61.0	0.0	43.8	67.0	6.3
5:53 AM	30.3	61.0	0.0	43.8	67.0	4.2
5:54 AM	30.3	61.0	0.0	43.8	67.0	6.8
5:55 AM	30.3	61.0	0.0	43.8	67.0	6.8
5:56 AM	30.3	61.0	0.0	43.8	67.0	7.5
5:57 AM	30.3	61.0	0.0	43.7	67.0	7.5
5:58 AM	30.3	61.0	0.0	43.7	67.0	7.2
5:59 AM	30.3	62.0	0.0	43.7	67.0	6.1
6:00 AM	30.3	62.0	0.0	43.7	67.0	7.2
6:01 AM	30.3	62.0	0.0	43.6	45.0	7.2
6:02 AM	30.3	62.0	0.0	43.6	45.0	8.2
6:03 AM	30.3	62.0	0.0	43.6	45.0	7.0
6:04 AM	30.3	62.0	0.0	43.6	45.0	6.3
6:05 AM	30.3	62.0	0.0	43.5	45.0	6.5
6:06 AM	30.3	62.0	0.0	43.5	67.0	7.7
6:07 AM	30.3	62.0	0.0	43.5	67.0	7.5
6:08 AM	30.3	62.0	0.0	43.4	22.0	4.9
6:09 AM	30.3	62.0	0.0	43.4	22.0	6.3
6:10 AM	30.3	62.0	0.0	43.4	67.0	7.5
6:11 AM	30.3	62.0	0.0	43.3	45.0	6.8
6:12 AM	30.3	62.0	0.0	43.3	22.0	10.0
6:13 AM	30.3	62.0	0.0	43.3	67.0	6.3
6:14 AM	30.3	62.0	0.0	43.3	67.0	6.5
6:15 AM	30.3	63.0	0.0	43.3	67.0	7.2
6:16 AM	30.3	63.0	0.0	43.3	67.0	7.5
6:17 AM	30.3	63.0	0.0	43.3	67.0	10.0

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
6:18 AM	30.3	63.0	0.0	43.3	67.0	7.7
6:19 AM	30.3	63.0	0.0	43.3	67.0	7.7
6:20 AM	30.3	63.0	0.0	43.3	67.0	7.7
6:21 AM	30.3	63.0	0.0	43.3	67.0	7.5
6:22 AM	30.3	63.0	0.0	43.3	67.0	9.8
6:23 AM	30.3	63.0	0.0	43.2	67.0	6.1
6:24 AM	30.3	63.0	0.0	43.2	67.0	6.8
6:25 AM	30.3	63.0	0.0	43.2	67.0	6.8
6:26 AM	30.3	63.0	0.0	43.2	67.0	6.3
6:27 AM	30.3	63.0	0.0	43.2	67.0	7.0
6:28 AM	30.3	63.0	0.0	43.2	67.0	6.5
6:29 AM	30.3	63.0	0.0	43.1	67.0	7.5
6:30 AM	30.3	63.0	0.0	43.1	67.0	7.0
6:31 AM	30.3	63.0	0.0	43.1	67.0	4.7
6:32 AM	30.3	63.0	0.0	43.1	67.0	4.4
6:33 AM	30.3	63.0	0.0	43.1	67.0	4.2
6:34 AM	30.3	63.0	0.0	43.0	67.0	4.9
6:35 AM	30.3	63.0	0.0	43.0	67.0	4.0
6:36 AM	30.3	63.0	0.0	43.0	67.0	7.2
6:37 AM	30.3	63.0	0.0	43.0	67.0	7.7
6:38 AM	30.3	63.0	0.0	43.0	67.0	6.1
6:39 AM	30.3	63.0	0.0	43.0	45.0	7.9
6:40 AM	30.3	63.0	0.0	43.0	67.0	6.5
6:41 AM	30.3	63.0	0.0	43.0	67.0	9.1
6:42 AM	30.3	63.0	0.0	43.0	67.0	5.8
6:43 AM	30.3	64.0	0.0	43.0	67.0	6.1
6:44 AM	30.3	64.0	0.0	43.0	67.0	5.8
6:45 AM	30.3	64.0	0.0	43.0	67.0	6.3
6:46 AM	30.3	64.0	0.0	42.9	67.0	7.2
6:47 AM	30.3	64.0	0.0	42.9	67.0	6.1
6:48 AM	30.3	64.0	0.0	42.9	67.0	5.1
6:49 AM	30.3	64.0	0.0	42.9	45.0	7.9
6:50 AM	30.3	64.0	0.0	42.8	67.0	7.2
6:51 AM	30.3	64.0	0.0	42.8	67.0	6.3
6:52 AM	30.3	64.0	0.0	42.8	67.0	6.1
6:53 AM	30.3	64.0	0.0	42.8	67.0	4.7
6:54 AM	30.3	64.0	0.0	42.8	67.0	7.0
6:55 AM	30.3	64.0	0.0	42.8	67.0	4.9
6:56 AM	30.3	64.0	0.0	42.8	67.0	4.2
6:57 AM	30.3	64.0	0.0	42.8	67.0	4.9
6:58 AM	30.3	64.0	0.0	42.8	67.0	4.9
6:59 AM	30.3	64.0	0.0	42.8	67.0	5.6
7:00 AM	30.3	64.0	0.0	42.7	67.0	5.1
7:01 AM	30.3	64.0	0.0	42.7	67.0	4.2
7:02 AM	30.3	64.0	0.0	42.7	67.0	4.9
7:03 AM	30.3	64.0	0.0	42.7	67.0	7.5
7:04 AM	30.3	64.0	0.0	42.7	67.0	6.5
7:05 AM	30.3	64.0	0.0	42.7	67.0	7.2
7:06 AM	30.3	64.0	0.0	42.7	67.0	8.9
7:07 AM	30.3	64.0	0.0	42.7	67.0	9.1
7:08 AM	30.3	65.0	0.0	42.7	67.0	5.8
7:09 AM	30.3	65.0	0.0	42.7	67.0	5.6
7:10 AM	30.3	65.0	0.0	42.6	67.0	5.1
7:11 AM	30.3	65.0	0.0	42.6	67.0	4.4

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
7:12 AM	30.3	65.0	0.0	42.6	67.0	5.6
7:13 AM	30.3	65.0	0.0	42.5	67.0	6.5
7:14 AM	30.3	65.0	0.0	42.5	67.0	6.3
7:15 AM	30.3	65.0	0.0	42.5	67.0	5.6
7:16 AM	30.3	65.0	0.0	42.4	67.0	4.7
7:17 AM	30.3	65.0	0.0	42.4	67.0	5.8
7:18 AM	30.3	65.0	0.0	42.4	67.0	8.2
7:19 AM	30.3	65.0	0.0	42.4	67.0	11.4
7:20 AM	30.3	65.0	0.0	42.4	67.0	8.9
7:21 AM	30.3	65.0	0.0	42.4	67.0	6.8
7:22 AM	30.3	65.0	0.0	42.3	67.0	8.6
7:23 AM	30.3	65.0	0.0	42.3	67.0	6.3
7:24 AM	30.3	65.0	0.0	42.3	67.0	7.9
7:25 AM	30.3	65.0	0.0	42.3	67.0	5.6
7:26 AM	30.3	65.0	0.0	42.3	67.0	5.8
7:27 AM	30.3	65.0	0.0	42.3	45.0	10.0
7:28 AM	30.3	65.0	0.0	42.3	67.0	8.2
7:29 AM	30.3	65.0	0.0	42.3	67.0	8.4
7:30 AM	30.3	65.0	0.0	42.3	67.0	9.8
7:31 AM	30.3	65.0	0.0	42.3	67.0	8.9
7:32 AM	30.3	65.0	0.0	42.3	67.0	8.6
7:33 AM	30.3	65.0	0.0	42.3	67.0	8.6
7:34 AM	30.3	65.0	0.0	42.2	67.0	7.5
7:35 AM	30.3	65.0	0.0	42.2	67.0	7.7
7:36 AM	30.3	65.0	0.0	42.2	67.0	7.9
7:37 AM	30.3	65.0	0.0	42.2	67.0	6.8
7:38 AM	30.3	65.0	0.0	42.2	67.0	8.6
7:39 AM	30.3	65.0	0.0	42.2	90.0	7.9
7:40 AM	30.3	65.0	0.0	42.2	67.0	9.1
7:41 AM	30.3	65.0	0.0	42.2	67.0	9.3
7:42 AM	30.3	65.0	0.0	42.2	67.0	7.0
7:43 AM	30.3	65.0	0.0	42.2	67.0	5.6
7:44 AM	30.3	65.0	0.0	42.2	67.0	5.8
7:45 AM	30.3	65.0	0.0	42.2	45.0	9.6
7:46 AM	30.3	65.0	0.0	42.2	67.0	10.7
7:47 AM	30.3	65.0	0.0	42.2	67.0	7.7
7:48 AM	30.3	65.0	0.0	42.2	67.0	6.1
7:49 AM	30.3	65.0	0.0	42.2	67.0	8.6
7:50 AM	30.3	65.0	0.0	42.1	67.0	6.3
7:51 AM	30.3	65.0	0.0	42.1	67.0	7.9
7:52 AM	30.3	65.0	0.0	42.1	67.0	9.6
7:53 AM	30.3	65.0	0.0	42.1	67.0	7.9
7:54 AM	30.3	65.0	0.0	42.1	67.0	8.6
7:55 AM	30.3	65.0	0.0	42.1	67.0	11.0
7:56 AM	30.3	65.0	0.0	42.1	45.0	10.5
7:57 AM	30.3	65.0	0.0	42.1	67.0	10.3
7:58 AM	30.3	65.0	0.0	42.1	67.0	9.8
7:59 AM	30.3	65.0	0.0	42.1	67.0	9.6
8:00 AM	30.3	65.0	0.0	42.1	67.0	7.7
8:01 AM	30.3	65.0	0.0	42.1	67.0	6.3
8:02 AM	30.3	65.0	0.0	42.1	90.0	5.8
8:03 AM	30.3	65.0	0.0	42.1	67.0	6.1
8:04 AM	30.3	65.0	0.0	42.1	67.0	7.2
8:05 AM	30.3	65.0	0.0	42.1	67.0	7.2

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
8:06 AM	30.3	65.0	0.0	42.1	67.0	7.0
8:07 AM	30.3	65.0	0.0	42.1	67.0	7.9
8:08 AM	30.3	65.0	0.0	42.0	67.0	8.4
8:09 AM	30.3	65.0	0.0	42.0	67.0	6.1
8:10 AM	30.3	65.0	0.0	42.0	67.0	7.0
8:11 AM	30.3	65.0	0.0	42.0	67.0	8.2
8:12 AM	30.3	65.0	0.0	42.0	67.0	8.4
8:13 AM	30.3	65.0	0.0	42.0	67.0	7.9
8:14 AM	30.3	65.0	0.0	42.0	67.0	6.1
8:15 AM	30.3	65.0	0.0	42.1	67.0	7.9
8:16 AM	30.3	65.0	0.0	42.1	67.0	6.8
8:17 AM	30.3	65.0	0.0	42.1	67.0	10.0
8:18 AM	30.3	65.0	0.0	42.1	67.0	6.8
8:19 AM	30.3	65.0	0.0	42.2	67.0	6.3
8:20 AM	30.3	65.0	0.0	42.2	67.0	7.9
8:21 AM	30.3	65.0	0.0	42.2	67.0	7.7
8:22 AM	30.3	65.0	0.0	42.2	67.0	7.2
8:23 AM	30.3	65.0	0.0	42.2	67.0	7.0
8:24 AM	30.3	65.0	0.0	42.3	90.0	5.8
8:25 AM	30.3	65.0	0.0	42.3	67.0	7.0
8:26 AM	30.3	65.0	0.0	42.3	67.0	7.9
8:27 AM	30.3	64.0	0.0	42.4	67.0	7.7
8:28 AM	30.3	64.0	0.0	42.4	67.0	6.3
8:29 AM	30.3	64.0	0.0	42.5	67.0	5.8
8:30 AM	30.3	64.0	0.0	42.5	67.0	7.0
8:31 AM	30.3	64.0	0.0	42.6	67.0	8.6
8:32 AM	30.4	64.0	0.0	42.7	67.0	7.7
8:33 AM	30.4	64.0	0.0	42.7	67.0	8.4
8:34 AM	30.4	64.0	0.0	42.7	45.0	8.6
8:35 AM	30.4	64.0	0.0	42.8	67.0	6.1
8:36 AM	30.4	64.0	0.0	42.8	67.0	8.6
8:37 AM	30.3	64.0	0.0	42.8	67.0	9.3
8:38 AM	30.4	64.0	0.0	42.9	67.0	11.2
8:39 AM	30.3	64.0	0.0	42.9	67.0	7.7
8:40 AM	30.4	64.0	0.0	42.9	67.0	7.2
8:41 AM	30.4	64.0	0.0	43.0	67.0	5.8
8:42 AM	30.3	64.0	0.0	43.0	67.0	7.2
8:43 AM	30.4	64.0	0.0	43.1	67.0	8.4
8:44 AM	30.4	63.0	0.0	43.1	67.0	7.7
8:45 AM	30.4	63.0	0.0	43.2	67.0	8.2
8:46 AM	30.3	63.0	0.0	43.3	67.0	7.9
8:47 AM	30.4	63.0	0.0	43.3	45.0	12.4
8:48 AM	30.4	63.0	0.0	43.4	67.0	11.2
8:49 AM	30.3	63.0	0.0	43.4	67.0	10.3
8:50 AM	30.4	63.0	0.0	43.5	67.0	9.8
8:51 AM	30.4	63.0	0.0	43.5	67.0	8.9
8:52 AM	30.4	63.0	0.0	43.6	67.0	8.4
8:53 AM	30.4	63.0	0.0	43.6	67.0	12.4
8:54 AM	30.3	63.0	0.0	43.7	67.0	10.5
8:55 AM	30.4	63.0	0.0	43.7	67.0	11.9
8:56 AM	30.4	63.0	0.0	43.7	67.0	11.7
8:57 AM	30.4	63.0	0.0	43.8	67.0	9.3
8:58 AM	30.4	63.0	0.0	43.8	67.0	10.0
8:59 AM	30.4	63.0	0.0	43.8	67.0	9.6

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
9:00 AM	30.4	63.0	0.0	43.9	67.0	8.9
9:01 AM	30.4	63.0	0.0	43.9	67.0	9.1
9:02 AM	30.4	63.0	0.0	44.0	67.0	10.5
9:03 AM	30.4	63.0	0.0	44.0	67.0	9.3
9:04 AM	30.4	62.0	0.0	44.0	67.0	10.7
9:05 AM	30.4	62.0	0.0	44.1	67.0	9.1
9:06 AM	30.4	62.0	0.0	44.1	67.0	8.4
9:07 AM	30.4	62.0	0.0	44.2	67.0	10.0
9:08 AM	30.4	62.0	0.0	44.2	67.0	9.8
9:09 AM	30.4	62.0	0.0	44.3	67.0	11.4
9:10 AM	30.4	62.0	0.0	44.3	45.0	8.4
9:11 AM	30.4	62.0	0.0	44.3	67.0	6.5
9:12 AM	30.4	62.0	0.0	44.4	45.0	8.6
9:13 AM	30.4	61.0	0.0	44.4	45.0	10.5
9:14 AM	30.4	61.0	0.0	44.5	45.0	8.4
9:15 AM	30.4	61.0	0.0	44.6	45.0	11.4
9:16 AM	30.4	61.0	0.0	44.6	22.0	10.0
9:17 AM	30.4	61.0	0.0	44.6	45.0	11.2
9:18 AM	30.4	61.0	0.0	44.7	45.0	8.4
9:19 AM	30.4	61.0	0.0	44.8	45.0	8.6
9:20 AM	30.4	61.0	0.0	44.8	22.0	8.9
9:21 AM	30.4	61.0	0.0	44.8	45.0	9.8
9:22 AM	30.4	60.0	0.0	44.8	67.0	9.8
9:23 AM	30.4	60.0	0.0	44.9	67.0	7.9
9:24 AM	30.4	60.0	0.0	44.9	45.0	9.8
9:25 AM	30.4	60.0	0.0	44.9	45.0	13.1
9:26 AM	30.4	60.0	0.0	44.9	67.0	12.4
9:27 AM	30.4	60.0	0.0	44.9	67.0	11.7
9:28 AM	30.4	60.0	0.0	44.9	45.0	10.3
9:29 AM	30.4	60.0	0.0	44.9	67.0	12.1
9:30 AM	30.4	60.0	0.0	44.9	45.0	11.0
9:31 AM	30.4	60.0	0.0	45.0	45.0	13.3
9:32 AM	30.4	60.0	0.0	45.0	67.0	13.5
9:33 AM	30.4	60.0	0.0	45.0	45.0	10.7
9:34 AM	30.4	60.0	0.0	45.0	45.0	12.1
9:35 AM	30.4	60.0	0.0	45.1	67.0	9.1
9:36 AM	30.4	60.0	0.0	45.1	67.0	8.4
9:37 AM	30.4	60.0	0.0	45.1	67.0	10.7
9:38 AM	30.4	60.0	0.0	45.1	67.0	10.3
9:39 AM	30.4	60.0	0.0	45.1	67.0	10.0
9:40 AM	30.4	60.0	0.0	45.2	67.0	7.0
9:41 AM	30.4	60.0	0.0	45.2	67.0	5.8
9:42 AM	30.4	60.0	0.0	45.3	67.0	8.6
9:43 AM	30.4	60.0	0.0	45.3	67.0	9.3
9:44 AM	30.4	60.0	0.0	45.4	67.0	6.3
9:45 AM	30.4	60.0	0.0	45.4	67.0	11.0
9:46 AM	30.4	60.0	0.0	45.4	67.0	9.3
9:47 AM	30.4	60.0	0.0	45.5	67.0	8.4
9:48 AM	30.4	60.0	0.0	45.5	67.0	12.1
9:49 AM	30.4	60.0	0.0	45.6	67.0	9.8
9:50 AM	30.4	60.0	0.0	45.6	67.0	7.0
9:51 AM	30.4	60.0	0.0	45.7	67.0	8.9
9:52 AM	30.4	60.0	0.0	45.7	67.0	10.0
9:53 AM	30.4	60.0	0.0	45.7	67.0	11.4

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
9:54 AM	30.4	60.0	0.0	45.7	67.0	9.3
9:55 AM	30.4	60.0	0.0	45.7	90.0	8.9
9:56 AM	30.4	60.0	0.0	45.8	90.0	5.4
9:57 AM	30.4	60.0	0.0	45.9	67.0	8.4
9:58 AM	30.4	60.0	0.0	46.0	67.0	7.9
9:59 AM	30.4	60.0	0.0	46.0	67.0	4.9
10:00 AM	30.4	60.0	0.0	46.1	112.0	5.6
10:01 AM	30.4	60.0	0.0	46.2	67.0	7.0
10:02 AM	30.4	60.0	0.0	46.2	67.0	11.0
10:03 AM	30.4	60.0	0.0	46.2	67.0	10.5
10:04 AM	30.4	60.0	0.0	46.3	67.0	7.9
10:05 AM	30.4	60.0	0.0	46.3	90.0	8.9
10:06 AM	30.4	60.0	0.0	46.4	90.0	13.1
10:07 AM	30.4	60.0	0.0	46.4	90.0	8.9
10:08 AM	30.4	60.0	0.0	46.4	67.0	9.8
10:09 AM	30.4	60.0	0.0	46.4	67.0	12.4
10:10 AM	30.4	60.0	0.0	46.4	67.0	11.4
10:11 AM	30.4	60.0	0.0	46.3	67.0	11.2
10:12 AM	30.4	60.0	0.0	46.4	67.0	9.6
10:13 AM	30.4	60.0	0.0	46.4	67.0	12.1
10:14 AM	30.4	60.0	0.0	46.5	67.0	7.9
10:15 AM	30.4	60.0	0.0	46.5	67.0	12.6
10:16 AM	30.4	60.0	0.0	46.6	67.0	7.7
10:17 AM	30.4	60.0	0.0	46.7	90.0	9.8
10:18 AM	30.4	60.0	0.0	46.7	90.0	8.2
10:19 AM	30.4	60.0	0.0	46.7	67.0	7.2
10:20 AM	30.4	60.0	0.0	46.8	45.0	6.8
10:21 AM	30.4	60.0	0.0	46.9	90.0	6.5
10:22 AM	30.4	60.0	0.0	47.0	67.0	8.2
10:23 AM	30.4	59.0	0.0	47.1	67.0	6.5
10:24 AM	30.4	59.0	0.0	47.2	67.0	9.3
10:25 AM	30.4	59.0	0.0	47.2	67.0	13.8
10:26 AM	30.4	59.0	0.0	47.3	67.0	8.2
10:27 AM	30.4	59.0	0.0	47.3	67.0	9.3
10:28 AM	30.4	59.0	0.0	47.4	67.0	11.4
10:29 AM	30.4	59.0	0.0	47.4	45.0	10.3
10:30 AM	30.4	59.0	0.0	47.5	45.0	11.2
10:31 AM	30.4	59.0	0.0	47.5	67.0	7.9
10:32 AM	30.4	59.0	0.0	47.5	67.0	7.0
10:33 AM	30.4	59.0	0.0	47.5	45.0	12.1
10:34 AM	30.4	59.0	0.0	47.6	45.0	9.8
10:35 AM	30.4	59.0	0.0	47.6	67.0	8.4
10:36 AM	30.4	58.0	0.0	47.6	67.0	13.1
10:37 AM	30.4	58.0	0.0	47.6	67.0	12.6
10:38 AM	30.4	58.0	0.0	47.6	67.0	11.7
10:39 AM	30.4	58.0	0.0	47.7	67.0	7.7
10:40 AM	30.4	58.0	0.0	47.7	67.0	5.1
10:41 AM	30.4	58.0	0.0	47.7	90.0	4.7
10:42 AM	30.4	58.0	0.0	47.7	67.0	10.0
10:43 AM	30.4	58.0	0.0	47.8	67.0	5.8
10:44 AM	30.4	58.0	0.0	47.8	45.0	5.8
10:45 AM	30.4	58.0	0.0	47.8	22.0	5.4
10:46 AM	30.4	58.0	0.0	47.9	45.0	9.6
10:47 AM	30.4	58.0	0.0	47.9	45.0	10.7

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
10:48 AM	30.4	58.0	0.0	48.0	45.0	8.6
10:49 AM	30.4	58.0	0.0	48.1	45.0	7.9
10:50 AM	30.4	58.0	0.0	48.1	67.0	6.8
10:51 AM	30.4	58.0	0.0	48.2	67.0	10.7
10:52 AM	30.4	58.0	0.0	48.2	67.0	9.3
10:53 AM	30.4	57.0	0.0	48.2	67.0	8.9
10:54 AM	30.4	57.0	0.0	48.3	67.0	11.9
10:55 AM	30.4	57.0	0.0	48.3	67.0	10.3
10:56 AM	30.4	57.0	0.0	48.3	67.0	8.6
10:57 AM	30.4	57.0	0.0	48.3	90.0	4.7
10:58 AM	30.4	57.0	0.0	48.4	67.0	3.0
10:59 AM	30.4	57.0	0.0	48.4	112.0	1.9
11:00 AM	30.4	57.0	0.0	48.4	67.0	3.3
11:01 AM	30.4	57.0	0.0	48.6	22.0	8.2
11:02 AM	30.4	57.0	0.0	48.6	67.0	7.0
11:03 AM	30.4	57.0	0.0	48.7	67.0	7.2
11:04 AM	30.4	57.0	0.0	48.8	67.0	10.0
11:05 AM	30.4	57.0	0.0	48.8	67.0	10.5
11:06 AM	30.4	57.0	0.0	48.8	67.0	6.8
11:07 AM	30.4	57.0	0.0	48.8	67.0	8.6
11:08 AM	30.4	57.0	0.0	48.9	67.0	7.9
11:09 AM	30.4	57.0	0.0	48.9	67.0	6.5
11:10 AM	30.4	56.0	0.0	49.0	67.0	6.3
11:11 AM	30.4	56.0	0.0	49.0	22.0	5.4
11:12 AM	30.4	56.0	0.0	49.0	22.0	5.8
11:13 AM	30.4	56.0	0.0	49.0	67.0	3.3
11:14 AM	30.4	56.0	0.0	49.0	67.0	6.3
11:15 AM	30.4	56.0	0.0	49.1	67.0	11.9
11:16 AM	30.4	56.0	0.0	49.3	67.0	7.7
11:17 AM	30.4	56.0	0.0	49.3	67.0	9.8
11:18 AM	30.4	56.0	0.0	49.3	67.0	8.6
11:19 AM	30.4	56.0	0.0	49.4	67.0	8.6
11:20 AM	30.4	56.0	0.0	49.4	67.0	11.0
11:21 AM	30.4	56.0	0.0	49.4	67.0	8.4
11:22 AM	30.4	56.0	0.0	49.3	67.0	6.8
11:23 AM	30.4	56.0	0.0	49.3	90.0	3.7
11:24 AM	30.4	56.0	0.0	49.3	90.0	2.3
11:25 AM	30.4	56.0	0.0	49.3	112.0	5.1
11:26 AM	30.4	56.0	0.0	49.2	112.0	7.5
11:27 AM	30.4	56.0	0.0	49.3	112.0	6.3
11:28 AM	30.4	56.0	0.0	49.4	135.0	4.9
11:29 AM	30.4	56.0	0.0	49.5	67.0	7.9
11:30 AM	30.4	56.0	0.0	49.5	112.0	6.3
11:31 AM	30.4	56.0	0.0	49.6	112.0	4.9
11:32 AM	30.4	56.0	0.0	49.7	67.0	6.5
11:33 AM	30.4	56.0	0.0	49.8	67.0	6.5
11:34 AM	30.4	55.0	0.0	49.9	90.0	7.9
11:35 AM	30.4	55.0	0.0	50.0	112.0	3.5
11:36 AM	30.4	55.0	0.0	50.1	90.0	6.8
11:37 AM	30.4	55.0	0.0	50.1	67.0	3.0
11:38 AM	30.4	55.0	0.0	50.1	112.0	4.4
11:39 AM	30.4	55.0	0.0	50.1	112.0	2.8
11:40 AM	30.4	55.0	0.0	50.2	135.0	0.0
11:41 AM	30.4	55.0	0.0	50.3	45.0	4.4

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
11:42 AM	30.4	55.0	0.0	50.3	112.0	1.4
11:43 AM	30.4	55.0	0.0	50.3	67.0	6.5
11:44 AM	30.4	54.0	0.0	50.4	67.0	8.2
11:45 AM	30.4	54.0	0.0	50.4	67.0	3.0
11:46 AM	30.4	54.0	0.0	50.5	67.0	2.1
11:47 AM	30.4	54.0	0.0	50.6	90.0	1.9
11:48 AM	30.4	54.0	0.0	50.7	112.0	7.5
11:49 AM	30.4	54.0	0.0	50.6	90.0	7.5
11:50 AM	30.4	54.0	0.0	50.6	90.0	6.5
11:51 AM	30.4	54.0	0.0	50.5	90.0	5.4
11:52 AM	30.4	54.0	0.0	50.5	67.0	3.5
11:53 AM	30.4	54.0	0.0	50.6	67.0	0.0
11:54 AM	30.4	54.0	0.0	50.7	135.0	4.2
11:55 AM	30.4	54.0	0.0	50.8	157.0	3.7
11:56 AM	30.4	54.0	0.0	50.8	90.0	4.4
11:57 AM	30.4	54.0	0.0	50.9	90.0	5.6
11:58 AM	30.4	54.0	0.0	51.0	67.0	4.4
11:59 AM	30.4	53.0	0.0	51.0	90.0	4.7
12:00 PM	30.4	53.0	0.0	51.1	112.0	4.0
12:01 PM	30.4	53.0	0.0	51.3	112.0	4.7
12:02 PM	30.4	53.0	0.0	51.3	112.0	4.2
12:03 PM	30.4	53.0	0.0	51.3	112.0	3.3
12:04 PM	30.4	53.0	0.0	51.3	180.0	3.0
12:05 PM	30.4	53.0	0.0	51.4	202.0	3.0
12:06 PM	30.4	53.0	0.0	51.4	202.0	4.4
12:07 PM	30.4	53.0	0.0	51.5	180.0	3.0
12:08 PM	30.4	52.0	0.0	51.8	157.0	4.0
12:09 PM	30.4	52.0	0.0	52.0	157.0	3.3
12:10 PM	30.4	52.0	0.0	52.1	112.0	5.1
12:11 PM	30.4	52.0	0.0	52.2	112.0	4.7
12:12 PM	30.4	52.0	0.0	52.2	157.0	1.6
12:13 PM	30.4	52.0	0.0	52.4	112.0	3.7
12:14 PM	30.4	52.0	0.0	52.4	112.0	4.4
12:15 PM	30.4	52.0	0.0	52.4	112.0	0.0
12:16 PM	30.4	52.0	0.0	52.4	157.0	1.2
12:17 PM	30.4	52.0	0.0	52.4	157.0	3.0
12:18 PM	30.4	51.0	0.0	52.4	180.0	2.8
12:19 PM	30.4	51.0	0.0	52.3	112.0	7.5
12:20 PM	30.4	51.0	0.0	52.2	112.0	5.6
12:21 PM	30.4	51.0	0.0	52.3	157.0	5.6
12:22 PM	30.4	51.0	0.0	52.4	157.0	2.1
12:23 PM	30.4	51.0	0.0	52.4	202.0	5.8
12:24 PM	30.4	51.0	0.0	52.6	112.0	2.6
12:25 PM	30.4	51.0	0.0	52.7	90.0	3.3
12:26 PM	30.4	51.0	0.0	52.8	22.0	1.4
12:27 PM	30.4	51.0	0.0	52.9	45.0	1.4
12:28 PM	30.4	51.0	0.0	53.0	22.0	3.0
12:29 PM	30.4	50.0	0.0	53.2	45.0	3.7
12:30 PM	30.4	50.0	0.0	53.4	45.0	2.3
12:31 PM	30.4	50.0	0.0	53.7	112.0	1.4
12:32 PM	30.4	50.0	0.0	53.8	135.0	7.0
12:33 PM	30.4	50.0	0.0	54.0	67.0	5.1
12:34 PM	30.4	50.0	0.0	53.9	67.0	6.1
12:35 PM	30.4	50.0	0.0	53.9	67.0	4.7

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
12:36 PM	30.4	49.0	0.0	53.9	67.0	4.4
12:37 PM	30.4	49.0	0.0	54.0	45.0	3.7
12:38 PM	30.4	49.0	0.0	54.1	22.0	1.9
12:39 PM	30.4	49.0	0.0	54.1	247.0	0.0
12:40 PM	30.4	49.0	0.0	54.1	67.0	4.4
12:41 PM	30.4	49.0	0.0	54.0	67.0	5.8
12:42 PM	30.4	48.0	0.0	54.0	67.0	5.6
12:43 PM	30.4	48.0	0.0	54.0	67.0	2.1
12:44 PM	30.4	48.0	0.0	54.2	22.0	1.4
12:45 PM	30.4	48.0	0.0	54.4	247.0	0.0
12:46 PM	30.4	48.0	0.0	54.5	247.0	1.9
12:47 PM	30.4	48.0	0.0	54.5	112.0	2.3
12:48 PM	30.4	48.0	0.0	54.5	157.0	2.6
12:49 PM	30.4	47.0	0.0	54.6	157.0	3.3
12:50 PM	30.3	47.0	0.0	54.7	202.0	3.5
12:51 PM	30.4	47.0	0.0	54.9	202.0	1.4
12:52 PM	30.3	47.0	0.0	55.2	202.0	0.0
12:53 PM	30.4	47.0	0.0	55.4	337.0	5.6
12:54 PM	30.3	47.0	0.0	55.5	292.0	5.4
12:55 PM	30.3	46.0	0.0	55.6	315.0	4.9
12:56 PM	30.3	46.0	0.0	55.7	292.0	4.0
12:57 PM	30.3	46.0	0.0	55.8	292.0	4.7
12:58 PM	30.4	46.0	0.0	56.0	292.0	3.3
12:59 PM	30.3	46.0	0.0	56.1	292.0	1.2
1:00 PM	30.3	46.0	0.0	56.2	270.0	0.0
1:01 PM	30.3	46.0	0.0	56.3	292.0	5.1
1:02 PM	30.3	46.0	0.0	56.3	337.0	0.0
1:03 PM	30.3	46.0	0.0	56.3	292.0	4.0
1:04 PM	30.3	46.0	0.0	56.3	315.0	4.7
1:05 PM	30.3	46.0	0.0	56.3	337.0	2.8
1:06 PM	30.3	46.0	0.0	56.3	247.0	2.6
1:07 PM	30.3	45.0	0.0	56.4	270.0	5.4
1:08 PM	30.3	45.0	0.0	56.5	247.0	2.1
1:09 PM	30.3	45.0	0.0	56.5	247.0	3.3
1:10 PM	30.3	45.0	0.0	56.6	270.0	0.0
1:11 PM	30.3	45.0	0.0	56.6	135.0	1.2
1:12 PM	30.3	45.0	0.0	56.7	67.0	2.1
1:13 PM	30.3	45.0	0.0	56.8	22.0	4.0
1:14 PM	30.3	45.0	0.0	56.9	337.0	2.8
1:15 PM	30.3	44.0	0.0	57.0	337.0	1.2
1:16 PM	30.3	44.0	0.0	57.1	292.0	1.9
1:17 PM	30.3	44.0	0.0	57.2	292.0	1.2
1:18 PM	30.3	44.0	0.0	57.3	292.0	5.4
1:19 PM	30.3	44.0	0.0	57.4	337.0	1.4
1:20 PM	30.3	44.0	0.0	57.5	45.0	1.9
1:21 PM	30.3	43.0	0.0	57.6	112.0	0.0
1:22 PM	30.3	43.0	0.0	57.5	67.0	1.4
1:23 PM	30.3	43.0	0.0	57.6	67.0	1.4
1:24 PM	30.3	43.0	0.0	57.7	292.0	3.0
1:25 PM	30.3	43.0	0.0	57.7	315.0	0.0
1:26 PM	30.3	43.0	0.0	57.7	22.0	2.3
1:27 PM	30.3	43.0	0.0	57.7	337.0	5.1
1:28 PM	30.3	43.0	0.0	57.5	45.0	5.4
1:29 PM	30.3	42.0	0.0	57.5	22.0	8.9

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
1:30 PM	30.3	42.0	0.0	57.5	360.0	5.1
1:31 PM	30.3	42.0	0.0	57.6	22.0	6.3
1:32 PM	30.3	42.0	0.0	57.7	22.0	6.1
1:33 PM	30.3	42.0	0.0	57.7	22.0	4.0
1:34 PM	30.3	42.0	0.0	57.6	22.0	5.8
1:35 PM	30.3	42.0	0.0	57.4	67.0	6.5
1:36 PM	30.3	42.0	0.0	57.2	67.0	5.8
1:37 PM	30.3	42.0	0.0	57.2	22.0	3.7
1:38 PM	30.3	42.0	0.0	57.2	67.0	7.9
1:39 PM	30.3	42.0	0.0	57.0	67.0	5.8
1:40 PM	30.3	42.0	0.0	56.8	67.0	6.8
1:41 PM	30.3	42.0	0.0	56.6	45.0	5.8
1:42 PM	30.3	43.0	0.0	56.5	22.0	3.0
1:43 PM	30.3	43.0	0.0	56.4	22.0	2.1
1:44 PM	30.3	43.0	0.0	56.4	315.0	1.6
1:45 PM	30.3	43.0	0.0	56.6	157.0	0.0
1:46 PM	30.3	43.0	0.0	56.8	247.0	0.0
1:47 PM	30.3	43.0	0.0	56.9	337.0	1.6
1:48 PM	30.3	43.0	0.0	57.0	315.0	3.0
1:49 PM	30.3	43.0	0.0	57.3	292.0	2.1
1:50 PM	30.3	43.0	0.0	57.5	292.0	3.7
1:51 PM	30.3	43.0	0.0	57.7	247.0	2.3
1:52 PM	30.3	43.0	0.0	57.8	225.0	1.9
1:53 PM	30.3	42.0	0.0	57.9	202.0	2.1
1:54 PM	30.3	42.0	0.0	57.8	225.0	6.1
1:55 PM	30.3	42.0	0.0	57.8	225.0	4.0
1:56 PM	30.3	42.0	0.0	57.7	225.0	3.0
1:57 PM	30.3	42.0	0.0	57.7	247.0	3.0
1:58 PM	30.3	42.0	0.0	57.7	292.0	2.3
1:59 PM	30.3	42.0	0.0	57.7	247.0	1.4
2:00 PM	30.3	42.0	0.0	57.8	157.0	0.0
2:01 PM	30.3	42.0	0.0	57.8	247.0	3.3
2:02 PM	30.3	42.0	0.0	57.8	225.0	5.4
2:03 PM	30.3	42.0	0.0	57.7	225.0	5.6
2:04 PM	30.3	42.0	0.0	57.8	247.0	4.0
2:05 PM	30.3	42.0	0.0	57.8	247.0	5.4
2:06 PM	30.3	42.0	0.0	57.7	247.0	8.9
2:07 PM	30.3	42.0	0.0	57.5	247.0	6.5
2:08 PM	30.3	42.0	0.0	57.3	247.0	5.4
2:09 PM	30.3	42.0	0.0	57.1	247.0	5.8
2:10 PM	30.3	42.0	0.0	56.9	247.0	4.7
2:11 PM	30.3	43.0	0.0	56.9	247.0	2.3
2:12 PM	30.3	43.0	0.0	56.8	247.0	0.0
2:13 PM	30.3	43.0	0.0	56.9	247.0	0.0
2:14 PM	30.3	43.0	0.0	57.0	247.0	3.5
2:15 PM	30.3	43.0	0.0	57.1	292.0	2.8
2:16 PM	30.3	43.0	0.0	57.3	22.0	4.0
2:17 PM	30.3	43.0	0.0	57.5	360.0	2.6
2:18 PM	30.3	43.0	0.0	57.9	22.0	3.0
2:19 PM	30.3	43.0	0.0	58.3	45.0	6.5
2:20 PM	30.3	42.0	0.0	58.3	67.0	4.2
2:21 PM	30.3	42.0	0.0	58.5	22.0	5.4
2:22 PM	30.3	42.0	0.0	58.6	22.0	3.5
2:23 PM	30.3	41.0	0.0	58.8	22.0	2.8

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
2:24 PM	30.3	41.0	0.0	58.9	45.0	2.8
2:25 PM	30.3	41.0	0.0	58.8	45.0	0.0
2:26 PM	30.3	40.0	0.0	58.7	67.0	6.1
2:27 PM	30.3	40.0	0.0	58.5	67.0	7.2
2:28 PM	30.3	40.0	0.0	58.2	67.0	4.7
2:29 PM	30.3	40.0	0.0	58.0	67.0	6.3
2:30 PM	30.3	40.0	0.0	57.8	67.0	4.2
2:31 PM	30.3	41.0	0.0	57.7	22.0	2.1
2:32 PM	30.3	41.0	0.0	57.5	67.0	3.5
2:33 PM	30.3	41.0	0.0	57.3	112.0	3.5
2:34 PM	30.3	41.0	0.0	57.0	157.0	4.4
2:35 PM	30.3	41.0	0.0	56.8	157.0	3.5
2:36 PM	30.3	41.0	0.0	56.8	157.0	1.9
2:37 PM	30.3	42.0	0.0	56.8	157.0	3.0
2:38 PM	30.3	42.0	0.0	57.0	157.0	2.1
2:39 PM	30.3	42.0	0.0	57.0	90.0	4.4
2:40 PM	30.3	42.0	0.0	57.0	90.0	6.5
2:41 PM	30.3	42.0	0.0	56.8	90.0	11.0
2:42 PM	30.3	42.0	0.0	56.6	90.0	9.3
2:43 PM	30.3	42.0	0.0	56.6	90.0	6.5
2:44 PM	30.3	42.0	0.0	56.6	90.0	4.2
2:45 PM	30.3	42.0	0.0	56.6	67.0	5.1
2:46 PM	30.3	42.0	0.0	56.6	67.0	4.9
2:47 PM	30.3	42.0	0.0	56.8	67.0	2.1
2:48 PM	30.3	42.0	0.0	56.6	112.0	3.5
2:49 PM	30.3	42.0	0.0	56.6	202.0	4.4
2:50 PM	30.3	42.0	0.0	56.8	202.0	2.1
2:51 PM	30.3	42.0	0.0	57.0	202.0	0.0
2:52 PM	30.3	42.0	0.0	57.2	202.0	2.1
2:53 PM	30.3	42.0	0.0	57.4	202.0	1.9
2:54 PM	30.3	42.0	0.0	57.6	157.0	1.9
2:55 PM	30.3	42.0	0.0	57.8	225.0	4.2
2:56 PM	30.3	42.0	0.0	57.8	202.0	3.3
2:57 PM	30.3	42.0	0.0	57.7	202.0	8.4
2:58 PM	30.3	42.0	0.0	57.7	157.0	8.2
2:59 PM	30.3	42.0	0.0	57.6	112.0	4.4
3:00 PM	30.3	42.0	0.0	57.5	202.0	4.4
3:01 PM	30.3	42.0	0.0	57.4	157.0	3.3
3:02 PM	30.3	42.0	0.0	57.4	202.0	4.7
3:03 PM	30.3	42.0	0.0	57.4	202.0	6.5
3:04 PM	30.3	42.0	0.0	57.4	202.0	4.9
3:05 PM	30.3	42.0	0.0	57.4	157.0	2.1
3:06 PM	30.3	42.0	0.0	57.4	202.0	4.0
3:07 PM	30.3	42.0	0.0	57.6	202.0	2.8
3:08 PM	30.3	42.0	0.0	57.9	337.0	4.4
3:09 PM	30.3	42.0	0.0	58.3	360.0	6.1
3:10 PM	30.3	42.0	0.0	58.7	112.0	1.2
3:11 PM	30.3	41.0	0.0	59.0	202.0	1.9
3:12 PM	30.3	41.0	0.0	59.2	247.0	4.9
3:13 PM	30.3	41.0	0.0	59.3	202.0	7.2
3:14 PM	30.3	40.0	0.0	59.4	180.0	2.8
3:15 PM	30.3	40.0	0.0	59.4	225.0	4.7
3:16 PM	30.3	40.0	0.0	59.5	225.0	0.0
3:17 PM	30.3	40.0	0.0	59.6	337.0	4.0

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
3:18 PM	30.3	40.0	0.0	59.7	315.0	3.0
3:19 PM	30.3	40.0	0.0	59.8	360.0	0.0
3:20 PM	30.3	40.0	0.0	59.9	292.0	3.3
3:21 PM	30.3	39.0	0.0	59.9	247.0	0.0
3:22 PM	30.3	39.0	0.0	59.8	180.0	6.3
3:23 PM	30.3	39.0	0.0	59.8	202.0	5.1
3:24 PM	30.3	39.0	0.0	59.9	202.0	4.9
3:25 PM	30.3	39.0	0.0	59.8	202.0	6.1
3:26 PM	30.3	39.0	0.0	59.6	157.0	9.8
3:27 PM	30.3	39.0	0.0	59.3	202.0	7.7
3:28 PM	30.3	39.0	0.0	59.0	202.0	4.0
3:29 PM	30.3	39.0	0.0	58.8	157.0	6.3
3:30 PM	30.3	40.0	0.0	58.4	157.0	5.6
3:31 PM	30.3	40.0	0.0	58.0	157.0	4.2
3:32 PM	30.3	40.0	0.0	57.9	157.0	5.1
3:33 PM	30.3	40.0	0.0	57.9	202.0	3.5
3:34 PM	30.3	41.0	0.0	57.8	202.0	3.5
3:35 PM	30.3	41.0	0.0	57.8	180.0	3.3
3:36 PM	30.3	41.0	0.0	57.8	180.0	3.3
3:37 PM	30.3	41.0	0.0	58.0	157.0	3.7
3:38 PM	30.3	41.0	0.0	58.0	202.0	5.4
3:39 PM	30.3	41.0	0.0	58.2	247.0	3.0
3:40 PM	30.3	41.0	0.0	58.4	157.0	3.7
3:41 PM	30.3	41.0	0.0	58.4	112.0	3.3
3:42 PM	30.3	41.0	0.0	58.3	112.0	4.7
3:43 PM	30.3	41.0	0.0	58.1	157.0	6.8
3:44 PM	30.3	41.0	0.0	58.1	157.0	5.6
3:45 PM	30.3	41.0	0.0	58.1	202.0	4.4
3:46 PM	30.3	41.0	0.0	57.9	157.0	3.7
3:47 PM	30.3	41.0	0.0	57.8	112.0	4.9
3:48 PM	30.3	41.0	0.0	57.6	135.0	3.0
3:49 PM	30.3	41.0	0.0	57.3	135.0	4.2
3:50 PM	30.3	41.0	0.0	57.2	135.0	3.0
3:51 PM	30.3	41.0	0.0	57.3	157.0	2.3
3:52 PM	30.3	41.0	0.0	57.5	202.0	1.9
3:53 PM	30.3	41.0	0.0	57.7	247.0	1.6
3:54 PM	30.3	41.0	0.0	57.9	247.0	4.2
3:55 PM	30.3	41.0	0.0	57.9	247.0	5.8
3:56 PM	30.3	41.0	0.0	58.0	247.0	6.3
3:57 PM	30.3	41.0	0.0	58.1	270.0	6.5
3:58 PM	30.3	41.0	0.0	58.3	292.0	3.5
3:59 PM	30.3	41.0	0.0	58.5	292.0	3.0
4:00 PM	30.3	41.0	0.0	58.6	270.0	4.0
4:01 PM	30.3	41.0	0.0	58.6	292.0	6.3
4:02 PM	30.3	41.0	0.0	58.5	292.0	7.9
4:03 PM	30.3	41.0	0.0	58.3	270.0	8.6
4:04 PM	30.3	41.0	0.0	58.2	270.0	8.9
4:05 PM	30.3	41.0	0.0	58.2	292.0	5.8
4:06 PM	30.3	41.0	0.0	58.1	292.0	4.2
4:07 PM	30.3	41.0	0.0	58.0	315.0	6.1
4:08 PM	30.3	41.0	0.0	57.9	270.0	5.6
4:09 PM	30.3	41.0	0.0	57.8	247.0	5.6
4:10 PM	30.3	41.0	0.0	57.6	247.0	4.9
4:11 PM	30.3	41.0	0.0	57.5	247.0	6.1

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
4:12 PM	30.3	42.0	0.0	57.3	225.0	5.1
4:13 PM	30.3	42.0	0.0	57.2	202.0	3.5
4:14 PM	30.3	42.0	0.0	57.1	202.0	6.1
4:15 PM	30.3	42.0	0.0	57.0	202.0	3.0
4:16 PM	30.3	42.0	0.0	57.0	225.0	3.3
4:17 PM	30.3	42.0	0.0	56.9	225.0	4.4
4:18 PM	30.3	42.0	0.0	56.9	270.0	7.0
4:19 PM	30.3	42.0	0.0	56.9	270.0	7.9
4:20 PM	30.3	42.0	0.0	56.9	270.0	1.6
4:21 PM	30.3	43.0	0.0	56.9	247.0	6.5
4:22 PM	30.3	43.0	0.0	57.0	292.0	7.2
4:23 PM	30.3	43.0	0.0	57.0	292.0	9.1
4:24 PM	30.3	43.0	0.0	57.1	270.0	5.4
4:25 PM	30.3	43.0	0.0	57.1	292.0	7.2
4:26 PM	30.3	43.0	0.0	57.0	270.0	5.1
4:27 PM	30.3	43.0	0.0	57.0	270.0	5.8
4:28 PM	30.3	43.0	0.0	57.0	292.0	3.7
4:29 PM	30.3	43.0	0.0	57.0	315.0	3.7
4:30 PM	30.3	43.0	0.0	57.0	315.0	2.1
4:31 PM	30.3	43.0	0.0	57.0	360.0	1.2
4:32 PM	30.3	43.0	0.0	57.0	360.0	0.0
4:33 PM	30.3	43.0	0.0	57.0	22.0	1.9
4:34 PM	30.3	43.0	0.0	56.9	22.0	0.0
4:35 PM	30.3	43.0	0.0	56.9	67.0	2.6
4:36 PM	30.3	43.0	0.0	56.8	112.0	3.7
4:37 PM	30.3	43.0	0.0	56.8	112.0	3.3
4:38 PM	30.3	43.0	0.0	56.7	112.0	3.3
4:39 PM	30.3	43.0	0.0	56.6	112.0	4.0
4:40 PM	30.3	43.0	0.0	56.5	112.0	2.8
4:41 PM	30.3	43.0	0.0	56.5	112.0	2.6
4:42 PM	30.3	43.0	0.0	56.5	112.0	1.9
4:43 PM	30.3	43.0	0.0	56.6	157.0	2.3
4:44 PM	30.3	43.0	0.0	56.6	202.0	2.8
4:45 PM	30.3	43.0	0.0	56.7	157.0	2.3
4:46 PM	30.3	43.0	0.0	56.8	157.0	1.4
4:47 PM	30.3	43.0	0.0	56.9	157.0	1.4
4:48 PM	30.3	43.0	0.0	56.9	157.0	0.0
4:49 PM	30.3	43.0	0.0	57.1	157.0	0.0
4:50 PM	30.3	43.0	0.0	57.1	157.0	0.0
4:51 PM	30.3	43.0	0.0	57.2	157.0	0.0
4:52 PM	30.3	43.0	0.0	57.3	157.0	0.0
4:53 PM	30.3	43.0	0.0	57.3	157.0	0.0
4:54 PM	30.3	43.0	0.0	57.4	157.0	0.0
4:55 PM	30.3	43.0	0.0	57.5	157.0	0.0
4:56 PM	30.3	43.0	0.0	57.5	157.0	0.0
4:57 PM	30.3	43.0	0.0	57.5	157.0	1.6
4:58 PM	30.3	42.0	0.0	57.5	135.0	4.2
4:59 PM	30.3	42.0	0.0	57.5	157.0	4.7
5:00 PM	30.3	43.0	0.0	57.3	157.0	7.0
5:01 PM	30.3	43.0	0.0	57.2	157.0	4.7
5:02 PM	30.3	43.0	0.0	57.0	157.0	5.1
5:03 PM	30.3	43.0	0.0	56.8	157.0	6.5
5:04 PM	30.3	44.0	0.0	56.6	112.0	5.8
5:05 PM	30.3	44.0	0.0	56.4	135.0	10.3

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
5:06 PM	30.3	44.0	0.0	56.1	112.0	9.3
5:07 PM	30.3	45.0	0.0	55.9	112.0	9.8
5:08 PM	30.3	45.0	0.0	55.7	90.0	8.2
5:09 PM	30.3	45.0	0.0	55.6	112.0	9.8
5:10 PM	30.3	46.0	0.0	55.5	112.0	11.0
5:11 PM	30.3	46.0	0.0	55.4	112.0	10.0
5:12 PM	30.3	46.0	0.0	55.4	90.0	10.5
5:13 PM	30.3	46.0	0.0	55.3	112.0	8.2
5:14 PM	30.3	46.0	0.0	55.3	112.0	7.9
5:15 PM	30.3	46.0	0.0	55.2	112.0	10.5
5:16 PM	30.3	47.0	0.0	55.2	135.0	11.4
5:17 PM	30.3	47.0	0.0	55.2	112.0	6.5
5:18 PM	30.3	47.0	0.0	55.2	90.0	10.5
5:19 PM	30.3	47.0	0.0	55.1	90.0	8.4
5:20 PM	30.3	47.0	0.0	55.1	90.0	11.0
5:21 PM	30.3	47.0	0.0	55.1	112.0	10.5
5:22 PM	30.3	47.0	0.0	55.0	112.0	12.1
5:23 PM	30.3	47.0	0.0	54.9	90.0	10.3
5:24 PM	30.3	47.0	0.0	54.8	112.0	7.0
5:25 PM	30.3	47.0	0.0	54.8	112.0	9.3
5:26 PM	30.3	47.0	0.0	54.8	112.0	9.1
5:27 PM	30.3	47.0	0.0	54.7	112.0	6.8
5:28 PM	30.3	47.0	0.0	54.7	112.0	8.9
5:29 PM	30.3	47.0	0.0	54.6	112.0	6.8
5:30 PM	30.3	47.0	0.0	54.6	90.0	7.5
5:31 PM	30.3	48.0	0.0	54.6	112.0	11.2
5:32 PM	30.3	48.0	0.0	54.5	112.0	7.9
5:33 PM	30.3	48.0	0.0	54.5	112.0	10.0
5:34 PM	30.3	48.0	0.0	54.5	112.0	11.2
5:35 PM	30.3	48.0	0.0	54.5	112.0	7.0
5:36 PM	30.3	48.0	0.0	54.5	112.0	7.5
5:37 PM	30.3	48.0	0.0	54.4	112.0	6.3
5:38 PM	30.3	48.0	0.0	54.4	112.0	7.5
5:39 PM	30.3	48.0	0.0	54.3	112.0	7.5
5:40 PM	30.3	48.0	0.0	54.3	112.0	6.1
5:41 PM	30.3	48.0	0.0	54.3	112.0	7.7
5:42 PM	30.3	48.0	0.0	54.3	112.0	5.6
5:43 PM	30.3	48.0	0.0	54.2	112.0	8.6
5:44 PM	30.3	48.0	0.0	54.2	112.0	6.3
5:45 PM	30.3	48.0	0.0	54.1	112.0	8.2
5:46 PM	30.3	49.0	0.0	54.1	112.0	6.8
5:47 PM	30.3	49.0	0.0	54.0	112.0	7.7
5:48 PM	30.3	49.0	0.0	54.0	112.0	5.8
5:49 PM	30.3	49.0	0.0	54.0	112.0	6.5
5:50 PM	30.3	49.0	0.0	53.9	112.0	8.6
5:51 PM	30.3	49.0	0.0	53.8	112.0	7.2
5:52 PM	30.3	49.0	0.0	53.8	112.0	6.3
5:53 PM	30.3	49.0	0.0	53.7	112.0	4.7
5:54 PM	30.3	49.0	0.0	53.6	90.0	7.2
5:55 PM	30.3	49.0	0.0	53.6	112.0	5.6
5:56 PM	30.3	50.0	0.0	53.5	112.0	6.3
5:57 PM	30.3	50.0	0.0	53.4	112.0	7.0
5:58 PM	30.3	50.0	0.0	53.4	112.0	5.4
5:59 PM	30.3	50.0	0.0	53.3	112.0	8.9

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
6:00 PM	30.3	50.0	0.0	53.2	112.0	7.2
6:01 PM	30.3	50.0	0.0	53.1	112.0	7.5
6:02 PM	30.3	50.0	0.0	53.0	112.0	6.5
6:03 PM	30.3	51.0	0.0	53.0	112.0	7.9
6:04 PM	30.3	51.0	0.0	52.9	112.0	5.8
6:05 PM	30.3	51.0	0.0	52.9	112.0	5.6
6:06 PM	30.3	51.0	0.0	52.8	112.0	5.1
6:07 PM	30.3	51.0	0.0	52.8	112.0	6.3
6:08 PM	30.3	51.0	0.0	52.8	112.0	5.8
6:09 PM	30.3	51.0	0.0	52.7	112.0	5.6
6:10 PM	30.3	51.0	0.0	52.7	90.0	5.6
6:11 PM	30.3	51.0	0.0	52.6	112.0	6.5
6:12 PM	30.3	51.0	0.0	52.6	112.0	5.4
6:13 PM	30.3	51.0	0.0	52.5	112.0	6.1
6:14 PM	30.3	51.0	0.0	52.5	112.0	4.9
6:15 PM	30.3	51.0	0.0	52.4	112.0	4.2
6:16 PM	30.3	51.0	0.0	52.4	112.0	5.1
6:17 PM	30.3	51.0	0.0	52.3	112.0	5.6
6:18 PM	30.3	51.0	0.0	52.3	112.0	5.4
6:19 PM	30.3	52.0	0.0	52.2	112.0	4.4
6:20 PM	30.3	52.0	0.0	52.2	112.0	6.1
6:21 PM	30.3	52.0	0.0	52.1	90.0	4.9
6:22 PM	30.3	52.0	0.0	52.1	112.0	4.4
6:23 PM	30.3	52.0	0.0	52.1	90.0	5.8
6:24 PM	30.3	52.0	0.0	52.0	90.0	4.9
6:25 PM	30.3	52.0	0.0	51.9	90.0	4.7
6:26 PM	30.3	52.0	0.0	51.9	90.0	5.4
6:27 PM	30.3	52.0	0.0	51.9	67.0	5.6
6:28 PM	30.3	52.0	0.0	51.8	67.0	5.8
6:29 PM	30.3	52.0	0.0	51.8	67.0	6.8
6:30 PM	30.3	52.0	0.0	51.8	67.0	6.8
6:31 PM	30.3	52.0	0.0	51.8	67.0	6.8
6:32 PM	30.3	53.0	0.0	51.8	90.0	7.5
6:33 PM	30.3	53.0	0.0	51.8	90.0	6.5
6:34 PM	30.3	53.0	0.0	51.8	90.0	7.5
6:35 PM	30.3	53.0	0.0	51.8	67.0	8.4
6:36 PM	30.3	53.0	0.0	51.8	67.0	5.4
6:37 PM	30.3	53.0	0.0	51.8	67.0	5.4
6:38 PM	30.3	53.0	0.0	51.8	67.0	5.4
6:39 PM	30.3	53.0	0.0	51.8	67.0	4.0
6:40 PM	30.3	53.0	0.0	51.8	67.0	5.6
6:41 PM	30.3	53.0	0.0	51.8	90.0	3.7
6:42 PM	30.3	54.0	0.0	51.7	112.0	5.6
6:43 PM	30.3	54.0	0.0	51.7	90.0	5.1
6:44 PM	30.3	54.0	0.0	51.7	90.0	5.1
6:45 PM	30.3	54.0	0.0	51.6	90.0	6.3
6:46 PM	30.3	54.0	0.0	51.5	90.0	5.4
6:47 PM	30.3	54.0	0.0	51.5	90.0	6.5
6:48 PM	30.3	54.0	0.0	51.5	112.0	5.4
6:49 PM	30.3	54.0	0.0	51.4	90.0	5.1
6:50 PM	30.3	54.0	0.0	51.3	90.0	5.6
6:51 PM	30.3	54.0	0.0	51.3	90.0	5.8
6:52 PM	30.3	54.0	0.0	51.1	90.0	5.8
6:53 PM	30.3	54.0	0.0	51.1	90.0	5.6

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
6:54 PM	30.3	54.0	0.0	51.1	90.0	5.4
6:55 PM	30.3	55.0	0.0	51.1	90.0	5.4
6:56 PM	30.3	55.0	0.0	51.0	90.0	5.8
6:57 PM	30.3	55.0	0.0	50.9	90.0	5.8
6:58 PM	30.3	55.0	0.0	50.9	90.0	5.1
6:59 PM	30.3	55.0	0.0	50.8	90.0	5.4
7:00 PM	30.3	55.0	0.0	50.8	90.0	6.3
7:01 PM	30.3	55.0	0.0	50.8	90.0	5.1
7:02 PM	30.3	55.0	0.0	50.8	90.0	5.8
7:03 PM	30.3	56.0	0.0	50.7	90.0	6.1
7:04 PM	30.3	56.0	0.0	50.6	90.0	5.4
7:05 PM	30.3	56.0	0.0	50.6	90.0	6.1
7:06 PM	30.3	56.0	0.0	50.6	90.0	5.6
7:07 PM	30.3	56.0	0.0	50.5	90.0	4.4
7:08 PM	30.3	56.0	0.0	50.5	90.0	5.8
7:09 PM	30.3	56.0	0.0	50.5	90.0	4.0
7:10 PM	30.3	56.0	0.0	50.4	90.0	4.9
7:11 PM	30.3	56.0	0.0	50.4	90.0	5.6
7:12 PM	30.3	57.0	0.0	50.5	90.0	5.1
7:13 PM	30.3	57.0	0.0	50.4	67.0	4.4
7:14 PM	30.3	57.0	0.0	50.4	67.0	5.8
7:15 PM	30.3	57.0	0.0	50.4	67.0	6.1
7:16 PM	30.3	57.0	0.0	50.4	67.0	6.5
7:17 PM	30.3	57.0	0.0	50.4	67.0	6.5
7:18 PM	30.3	57.0	0.0	50.4	67.0	5.6
7:19 PM	30.3	57.0	0.0	50.4	67.0	5.6
7:20 PM	30.3	57.0	0.0	50.4	67.0	6.3
7:21 PM	30.3	57.0	0.0	50.4	67.0	6.5
7:22 PM	30.3	57.0	0.0	50.3	67.0	5.6
7:23 PM	30.3	57.0	0.0	50.3	67.0	4.7
7:24 PM	30.3	57.0	0.0	50.3	67.0	4.4
7:25 PM	30.3	57.0	0.0	50.3	67.0	4.4
7:26 PM	30.3	57.0	0.0	50.3	67.0	4.0
7:27 PM	30.3	57.0	0.0	50.2	67.0	4.0
7:28 PM	30.3	57.0	0.0	50.2	67.0	4.4
7:29 PM	30.3	58.0	0.0	50.2	67.0	2.8
7:30 PM	30.3	58.0	0.0	50.2	67.0	3.0
7:31 PM	30.3	58.0	0.0	50.1	67.0	4.0
7:32 PM	30.3	58.0	0.0	50.1	67.0	3.7
7:33 PM	30.3	58.0	0.0	50.0	67.0	4.4
7:34 PM	30.3	58.0	0.0	50.0	67.0	3.7
7:35 PM	30.3	58.0	0.0	50.0	67.0	4.0
7:36 PM	30.3	58.0	0.0	49.9	67.0	3.3
7:37 PM	30.3	58.0	0.0	49.9	67.0	2.8
7:38 PM	30.3	58.0	0.0	49.8	90.0	4.0
7:39 PM	30.3	58.0	0.0	49.8	90.0	3.5
7:40 PM	30.3	59.0	0.0	49.8	90.0	2.8
7:41 PM	30.3	59.0	0.0	49.8	90.0	3.5
7:42 PM	30.3	59.0	0.0	49.8	90.0	3.0
7:43 PM	30.3	59.0	0.0	49.8	90.0	2.6
7:44 PM	30.3	59.0	0.0	49.7	90.0	2.6
7:45 PM	30.3	59.0	0.0	49.7	90.0	2.6
7:46 PM	30.3	59.0	0.0	49.7	90.0	2.8
7:47 PM	30.3	59.0	0.0	49.6	90.0	2.6

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
7:48 PM	30.3	59.0	0.0	49.6	90.0	3.0
7:49 PM	30.3	59.0	0.0	49.5	90.0	3.0
7:50 PM	30.3	60.0	0.0	49.5	90.0	3.0
7:51 PM	30.3	60.0	0.0	49.4	90.0	2.8
7:52 PM	30.3	60.0	0.0	49.4	90.0	3.0
7:53 PM	30.3	60.0	0.0	49.3	90.0	2.6
7:54 PM	30.3	60.0	0.0	49.3	90.0	3.5
7:55 PM	30.3	60.0	0.0	49.2	90.0	2.6
7:56 PM	30.3	60.0	0.0	49.2	90.0	3.0
7:57 PM	30.3	61.0	0.0	49.1	90.0	2.8
7:58 PM	30.3	61.0	0.0	49.1	90.0	3.0
7:59 PM	30.3	61.0	0.0	49.1	90.0	3.0
8:00 PM	30.3	61.0	0.0	49.1	90.0	3.3
8:01 PM	30.3	61.0	0.0	49.1	90.0	3.3
8:02 PM	30.3	61.0	0.0	49.1	90.0	3.7
8:03 PM	30.3	61.0	0.0	49.1	90.0	4.7
8:04 PM	30.3	61.0	0.0	49.1	90.0	3.7
8:05 PM	30.3	61.0	0.0	49.0	90.0	3.7
8:06 PM	30.3	62.0	0.0	49.1	90.0	3.5
8:07 PM	30.3	62.0	0.0	49.0	90.0	3.3
8:08 PM	30.3	62.0	0.0	49.0	90.0	3.3
8:09 PM	30.3	62.0	0.0	48.9	90.0	2.8
8:10 PM	30.3	62.0	0.0	48.9	90.0	2.8
8:11 PM	30.3	62.0	0.0	48.8	90.0	3.0
8:12 PM	30.3	62.0	0.0	48.8	90.0	2.8
8:13 PM	30.3	62.0	0.0	48.7	90.0	2.8
8:14 PM	30.3	62.0	0.0	48.7	90.0	3.5
8:15 PM	30.3	62.0	0.0	48.7	90.0	2.6
8:16 PM	30.3	63.0	0.0	48.6	90.0	2.1
8:17 PM	30.3	63.0	0.0	48.6	90.0	1.9
8:18 PM	30.3	63.0	0.0	48.6	90.0	1.9
8:19 PM	30.3	63.0	0.0	48.6	90.0	1.9
8:20 PM	30.3	63.0	0.0	48.6	90.0	3.3
8:21 PM	30.3	63.0	0.0	48.5	90.0	2.8
8:22 PM	30.3	63.0	0.0	48.5	90.0	2.6
8:23 PM	30.3	63.0	0.0	48.5	90.0	1.9
8:24 PM	30.3	63.0	0.0	48.4	90.0	2.1
8:25 PM	30.3	63.0	0.0	48.3	90.0	1.4
8:26 PM	30.3	63.0	0.0	48.2	90.0	1.9
8:27 PM	30.3	64.0	0.0	48.1	90.0	1.4
8:28 PM	30.3	64.0	0.0	48.0	90.0	0.0
8:29 PM	30.3	64.0	0.0	47.9	90.0	0.0
8:30 PM	30.3	64.0	0.0	47.9	90.0	1.4
8:31 PM	30.3	64.0	0.0	47.8	90.0	1.4
8:32 PM	30.3	64.0	0.0	47.7	90.0	1.2
8:33 PM	30.3	65.0	0.0	47.6	90.0	0.0
8:34 PM	30.3	65.0	0.0	47.5	90.0	0.0
8:35 PM	30.3	65.0	0.0	47.5	90.0	0.0
8:36 PM	30.3	65.0	0.0	47.5	90.0	1.4
8:37 PM	30.3	66.0	0.0	47.4	90.0	0.0
8:38 PM	30.3	66.0	0.0	47.3	90.0	1.2
8:39 PM	30.3	66.0	0.0	47.3	90.0	0.0
8:40 PM	30.3	66.0	0.0	47.3	90.0	1.2
8:41 PM	30.3	66.0	0.0	47.2	90.0	1.9

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
8:42 PM	30.3	67.0	0.0	47.2	90.0	2.1
8:43 PM	30.3	67.0	0.0	47.2	67.0	4.0
8:44 PM	30.3	67.0	0.0	47.2	45.0	4.2
8:45 PM	30.3	67.0	0.0	47.1	45.0	4.4
8:46 PM	30.3	67.0	0.0	47.1	45.0	4.4
8:47 PM	30.3	67.0	0.0	47.1	45.0	4.4
8:48 PM	30.3	67.0	0.0	47.1	45.0	4.9
8:49 PM	30.3	67.0	0.0	47.0	45.0	4.7
8:50 PM	30.3	67.0	0.0	47.0	45.0	5.6
8:51 PM	30.3	67.0	0.0	46.9	45.0	4.9
8:52 PM	30.3	67.0	0.0	46.9	45.0	4.4
8:53 PM	30.3	67.0	0.0	46.9	45.0	4.0
8:54 PM	30.3	68.0	0.0	46.9	45.0	3.7
8:55 PM	30.3	68.0	0.0	46.9	45.0	4.9
8:56 PM	30.3	68.0	0.0	46.9	45.0	4.4
8:57 PM	30.3	68.0	0.0	46.9	22.0	5.1
8:58 PM	30.3	68.0	0.0	46.9	45.0	5.1
8:59 PM	30.3	68.0	0.0	46.9	45.0	5.4
9:00 PM	30.3	68.0	0.0	46.9	67.0	4.2
9:01 PM	30.3	68.0	0.0	46.9	67.0	4.0
9:02 PM	30.3	68.0	0.0	46.8	67.0	3.7
9:03 PM	30.3	68.0	0.0	46.8	67.0	3.5
9:04 PM	30.3	68.0	0.0	46.8	67.0	2.8
9:05 PM	30.3	68.0	0.0	46.7	67.0	1.6
9:06 PM	30.3	68.0	0.0	46.6	67.0	2.8
9:07 PM	30.3	68.0	0.0	46.6	67.0	2.1
9:08 PM	30.3	68.0	0.0	46.5	67.0	1.4
9:09 PM	30.3	68.0	0.0	46.4	67.0	1.2
9:10 PM	30.3	68.0	0.0	46.3	67.0	1.4
9:11 PM	30.3	68.0	0.0	46.2	67.0	1.4
9:12 PM	30.3	68.0	0.0	46.2	67.0	1.6
9:13 PM	30.3	68.0	0.0	46.1	67.0	0.0
9:14 PM	30.3	68.0	0.0	46.1	67.0	0.0
9:15 PM	30.3	68.0	0.0	46.0	67.0	0.0
9:16 PM	30.3	68.0	0.0	46.0	67.0	0.0
9:17 PM	30.3	68.0	0.0	45.9	67.0	0.0
9:18 PM	30.3	68.0	0.0	45.9	67.0	1.9
9:19 PM	30.3	68.0	0.0	45.9	67.0	1.9
9:20 PM	30.3	68.0	0.0	45.9	67.0	1.6
9:21 PM	30.3	69.0	0.0	45.8	67.0	2.1
9:22 PM	30.3	69.0	0.0	45.8	67.0	1.6
9:23 PM	30.3	69.0	0.0	45.8	67.0	1.2
9:24 PM	30.3	69.0	0.0	45.7	67.0	0.0
9:25 PM	30.3	69.0	0.0	45.7	67.0	0.0
9:26 PM	30.3	69.0	0.0	45.7	67.0	0.0
9:27 PM	30.3	69.0	0.0	45.6	67.0	0.0
9:28 PM	30.3	69.0	0.0	45.6	67.0	0.0
9:29 PM	30.3	69.0	0.0	45.6	67.0	0.0
9:30 PM	30.3	69.0	0.0	45.5	67.0	0.0
9:31 PM	30.3	69.0	0.0	45.5	67.0	0.0
9:32 PM	30.3	69.0	0.0	45.4	67.0	0.0
9:33 PM	30.3	69.0	0.0	45.4	67.0	0.0
9:34 PM	30.3	69.0	0.0	45.3	67.0	0.0
9:35 PM	30.3	69.0	0.0	45.3	67.0	0.0

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
9:36 PM	30.3	70.0	0.0	45.3	67.0	0.0
9:37 PM	30.3	71.0	0.0	45.3	67.0	0.0
9:38 PM	30.3	72.0	0.0	45.3	67.0	0.0
9:39 PM	30.3	72.0	0.0	45.2	67.0	0.0
9:40 PM	30.3	73.0	0.0	45.2	67.0	0.0
9:41 PM	30.3	74.0	0.0	45.1	67.0	0.0
9:42 PM	30.3	75.0	0.0	45.1	67.0	0.0
9:43 PM	30.3	76.0	0.0	45.1	67.0	0.0
9:44 PM	30.3	76.0	0.0	45.0	67.0	0.0
9:45 PM	30.3	77.0	0.0	45.0	67.0	0.0
9:46 PM	30.3	77.0	0.0	44.9	67.0	0.0
9:47 PM	30.3	77.0	0.0	44.9	67.0	0.0
9:48 PM	30.3	77.0	0.0	44.8	67.0	1.2
9:49 PM	30.3	77.0	0.0	44.8	67.0	1.2
9:50 PM	30.3	76.0	0.0	44.8	67.0	1.2
9:51 PM	30.3	76.0	0.0	44.8	67.0	1.2
9:52 PM	30.3	76.0	0.0	44.8	67.0	1.2
9:53 PM	30.3	76.0	0.0	44.8	337.0	0.0
9:54 PM	30.3	76.0	0.0	44.8	337.0	1.4
9:55 PM	30.3	76.0	0.0	44.8	337.0	1.6
9:56 PM	30.3	76.0	0.0	44.8	337.0	1.9
9:57 PM	30.3	76.0	0.0	44.8	337.0	1.9
9:58 PM	30.3	76.0	0.0	44.8	337.0	2.1
9:59 PM	30.3	76.0	0.0	44.7	337.0	2.3
10:00 PM	30.3	76.0	0.0	44.7	337.0	2.3
10:01 PM	30.3	75.0	0.0	44.7	337.0	2.1
10:02 PM	30.3	75.0	0.0	44.7	337.0	2.3
10:03 PM	30.3	75.0	0.0	44.7	337.0	2.8
10:04 PM	30.3	74.0	0.0	44.7	337.0	3.0
10:05 PM	30.3	73.0	0.0	44.7	360.0	3.5
10:06 PM	30.3	73.0	0.0	44.7	22.0	3.3
10:07 PM	30.3	72.0	0.0	44.7	22.0	3.5
10:08 PM	30.3	71.0	0.0	44.7	22.0	2.8
10:09 PM	30.3	71.0	0.0	44.8	22.0	3.5
10:10 PM	30.3	70.0	0.0	44.8	22.0	3.0
10:11 PM	30.3	70.0	0.0	44.8	22.0	2.8
10:12 PM	30.3	69.0	0.0	44.9	22.0	2.3
10:13 PM	30.3	69.0	0.0	44.9	22.0	1.9
10:14 PM	30.3	69.0	0.0	44.9	22.0	1.9
10:15 PM	30.3	69.0	0.0	44.9	22.0	0.0
10:16 PM	30.3	69.0	0.0	44.9	22.0	0.0
10:17 PM	30.3	69.0	0.0	44.8	22.0	0.0
10:18 PM	30.3	69.0	0.0	44.8	22.0	0.0
10:19 PM	30.3	69.0	0.0	44.8	22.0	0.0
10:20 PM	30.3	69.0	0.0	44.7	22.0	0.0
10:21 PM	30.3	69.0	0.0	44.7	22.0	0.0
10:22 PM	30.3	69.0	0.0	44.7	22.0	0.0
10:23 PM	30.3	69.0	0.0	44.6	22.0	0.0
10:24 PM	30.3	70.0	0.0	44.6	22.0	0.0
10:25 PM	30.3	71.0	0.0	44.5	22.0	0.0
10:26 PM	30.3	72.0	0.0	44.5	22.0	0.0
10:27 PM	30.3	73.0	0.0	44.4	22.0	0.0
10:28 PM	30.3	74.0	0.0	44.4	22.0	0.0
10:29 PM	30.3	76.0	0.0	44.3	22.0	0.0

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
10:30 PM	30.3	77.0	0.0	44.2	22.0	0.0
10:31 PM	30.3	78.0	0.0	44.1	22.0	0.0
10:32 PM	30.3	79.0	0.0	44.1	22.0	0.0
10:33 PM	30.3	80.0	0.0	43.9	22.0	0.0
10:34 PM	30.3	80.0	0.0	43.8	22.0	0.0
10:35 PM	30.3	81.0	0.0	43.6	45.0	3.5
10:36 PM	30.3	81.0	0.0	43.5	67.0	0.0
10:37 PM	30.3	81.0	0.0	43.3	292.0	2.8
10:38 PM	30.3	81.0	0.0	43.2	292.0	1.9
10:39 PM	30.3	81.0	0.0	43.1	292.0	0.0
10:40 PM	30.3	81.0	0.0	43.0	292.0	0.0
10:41 PM	30.3	80.0	0.0	42.9	292.0	1.6
10:42 PM	30.3	80.0	0.0	42.8	292.0	1.4
10:43 PM	30.3	80.0	0.0	42.7	292.0	0.0
10:44 PM	30.3	80.0	0.0	42.6	292.0	0.0
10:45 PM	30.3	79.0	0.0	42.6	292.0	1.6
10:46 PM	30.3	79.0	0.0	42.6	292.0	0.0
10:47 PM	30.3	79.0	0.0	42.6	315.0	0.0
10:48 PM	30.3	79.0	0.0	42.5	315.0	0.0
10:49 PM	30.3	78.0	0.0	42.5	315.0	0.0
10:50 PM	30.3	78.0	0.0	42.4	315.0	0.0
10:51 PM	30.3	78.0	0.0	42.4	315.0	0.0
10:52 PM	30.3	78.0	0.0	42.3	315.0	0.0
10:53 PM	30.3	78.0	0.0	42.3	315.0	0.0
10:54 PM	30.3	78.0	0.0	42.3	315.0	0.0
10:55 PM	30.3	78.0	0.0	42.2	315.0	0.0
10:56 PM	30.3	78.0	0.0	42.1	315.0	0.0
10:57 PM	30.3	78.0	0.0	42.1	315.0	0.0
10:58 PM	30.3	78.0	0.0	42.1	315.0	0.0
10:59 PM	30.3	78.0	0.0	42.0	315.0	0.0
11:00 PM	30.3	78.0	0.0	42.0	315.0	0.0
11:01 PM	30.3	78.0	0.0	42.0	315.0	0.0
11:02 PM	30.3	78.0	0.0	41.9	315.0	0.0
11:03 PM	30.3	78.0	0.0	41.9	315.0	0.0
11:04 PM	30.3	78.0	0.0	41.8	315.0	0.0
11:05 PM	30.3	78.0	0.0	41.8	315.0	0.0
11:06 PM	30.3	78.0	0.0	41.8	315.0	0.0
11:07 PM	30.3	78.0	0.0	41.7	315.0	0.0
11:08 PM	30.3	78.0	0.0	41.7	315.0	0.0
11:09 PM	30.3	78.0	0.0	41.6	315.0	0.0
11:10 PM	30.3	78.0	0.0	41.6	315.0	0.0
11:11 PM	30.3	79.0	0.0	41.5	315.0	0.0
11:12 PM	30.3	79.0	0.0	41.5	315.0	0.0
11:13 PM	30.3	79.0	0.0	41.5	315.0	0.0
11:14 PM	30.3	79.0	0.0	41.5	315.0	0.0
11:15 PM	30.3	79.0	0.0	41.5	315.0	0.0
11:16 PM	30.3	80.0	0.0	41.5	315.0	0.0
11:17 PM	30.3	80.0	0.0	41.5	315.0	0.0
11:18 PM	30.3	80.0	0.0	41.5	315.0	0.0
11:19 PM	30.3	81.0	0.0	41.5	315.0	0.0
11:20 PM	30.3	81.0	0.0	41.5	315.0	0.0
11:21 PM	30.3	82.0	0.0	41.5	315.0	0.0
11:22 PM	30.3	83.0	0.0	41.5	315.0	0.0
11:23 PM	30.3	83.0	0.0	41.5	315.0	0.0

Table B-1
 October 29, 2013 Weather Station Data
 October 2013 Ambient Air Monitoring Event
 American Cyanamid Superfund Site, Bridgewater, New Jersey

TIME	BAROMETRIC			WIND		
	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
11:24 PM	30.3	84.0	0.0	41.5	315.0	0.0
11:25 PM	30.3	85.0	0.0	41.4	315.0	0.0
11:26 PM	30.3	85.0	0.0	41.4	315.0	0.0
11:27 PM	30.3	85.0	0.0	41.3	315.0	0.0
11:28 PM	30.3	86.0	0.0	41.3	315.0	0.0
11:29 PM	30.3	86.0	0.0	41.2	315.0	0.0
11:30 PM	30.3	86.0	0.0	41.2	315.0	1.2
11:31 PM	30.3	86.0	0.0	41.1	315.0	1.4
11:32 PM	30.3	86.0	0.0	41.1	315.0	1.4
11:33 PM	30.3	87.0	0.0	41.0	315.0	1.2
11:34 PM	30.3	87.0	0.0	40.9	315.0	0.0
11:35 PM	30.3	86.0	0.0	40.9	315.0	0.0
11:36 PM	30.3	86.0	0.0	40.8	315.0	0.0
11:37 PM	30.3	86.0	0.0	40.8	315.0	0.0
11:38 PM	30.3	86.0	0.0	40.8	315.0	1.4
11:39 PM	30.3	86.0	0.0	40.7	315.0	1.2
11:40 PM	30.3	86.0	0.0	40.7	315.0	0.0
11:41 PM	30.3	85.0	0.0	40.7	315.0	0.0
11:42 PM	30.3	85.0	0.0	40.6	315.0	0.0
11:43 PM	30.3	85.0	0.0	40.6	315.0	0.0
11:44 PM	30.3	85.0	0.0	40.6	315.0	0.0
11:45 PM	30.3	84.0	0.0	40.5	315.0	0.0
11:46 PM	30.3	84.0	0.0	40.5	315.0	0.0
11:47 PM	30.3	84.0	0.0	40.5	315.0	0.0
11:48 PM	30.3	84.0	0.0	40.4	315.0	0.0
11:49 PM	30.3	84.0	0.0	40.4	315.0	0.0
11:50 PM	30.3	84.0	0.0	40.4	315.0	0.0
11:51 PM	30.3	84.0	0.0	40.3	315.0	0.0
11:52 PM	30.3	84.0	0.0	40.3	315.0	0.0
11:53 PM	30.3	84.0	0.0	40.2	315.0	0.0
11:54 PM	30.3	84.0	0.0	40.2	315.0	0.0
11:55 PM	30.3	84.0	0.0	40.2	315.0	0.0
11:56 PM	30.3	84.0	0.0	40.1	315.0	0.0
11:57 PM	30.3	84.0	0.0	40.1	315.0	0.0
11:58 PM	30.3	84.0	0.0	40.0	315.0	0.0
11:59 PM	30.3	84.0	0.0	40.0	315.0	1.2

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
12:00 AM	30.3	84.0	0.0	40.0	315.0	1.4
12:01 AM	30.3	84.0	0.0	39.9	315.0	1.4
12:02 AM	30.3	84.0	0.0	39.8	315.0	1.6
12:03 AM	30.3	84.0	0.0	39.8	315.0	3.0
12:04 AM	30.3	84.0	0.0	39.8	292.0	3.7
12:05 AM	30.3	84.0	0.0	39.7	292.0	4.0
12:06 AM	30.3	84.0	0.0	39.7	292.0	4.0
12:07 AM	30.3	84.0	0.0	39.7	292.0	4.0
12:08 AM	30.3	84.0	0.0	39.7	292.0	4.0
12:09 AM	30.3	84.0	0.0	39.7	292.0	3.5
12:10 AM	30.3	85.0	0.0	39.7	292.0	3.0
12:11 AM	30.3	85.0	0.0	39.7	292.0	3.0
12:12 AM	30.3	85.0	0.0	39.7	292.0	2.8
12:13 AM	30.3	84.0	0.0	39.7	292.0	3.0
12:14 AM	30.3	84.0	0.0	39.7	292.0	3.0
12:15 AM	30.3	84.0	0.0	39.7	292.0	3.0
12:16 AM	30.3	84.0	0.0	39.7	292.0	3.5
12:17 AM	30.3	84.0	0.0	39.7	292.0	3.7
12:18 AM	30.3	84.0	0.0	39.7	315.0	3.3
12:19 AM	30.3	83.0	0.0	39.7	315.0	3.0
12:20 AM	30.3	83.0	0.0	39.7	315.0	3.5
12:21 AM	30.3	83.0	0.0	39.7	315.0	2.8
12:22 AM	30.3	83.0	0.0	39.7	315.0	2.1
12:23 AM	30.3	83.0	0.0	39.6	315.0	2.1
12:24 AM	30.3	83.0	0.0	39.6	315.0	1.4
12:25 AM	30.3	83.0	0.0	39.6	315.0	1.2
12:26 AM	30.3	83.0	0.0	39.6	315.0	0.0
12:27 AM	30.3	83.0	0.0	39.6	315.0	0.0
12:28 AM	30.3	83.0	0.0	39.5	315.0	0.0
12:29 AM	30.3	83.0	0.0	39.5	315.0	0.0
12:30 AM	30.3	83.0	0.0	39.4	315.0	0.0
12:31 AM	30.3	83.0	0.0	39.4	315.0	0.0
12:32 AM	30.3	83.0	0.0	39.3	315.0	0.0
12:33 AM	30.3	83.0	0.0	39.3	315.0	0.0
12:34 AM	30.3	83.0	0.0	39.2	315.0	0.0
12:35 AM	30.3	83.0	0.0	39.1	315.0	0.0
12:36 AM	30.3	83.0	0.0	39.1	315.0	0.0
12:37 AM	30.3	83.0	0.0	39.0	315.0	0.0
12:38 AM	30.3	83.0	0.0	39.0	315.0	0.0
12:39 AM	30.3	83.0	0.0	39.0	315.0	0.0
12:40 AM	30.3	83.0	0.0	39.0	315.0	0.0
12:41 AM	30.3	83.0	0.0	39.0	315.0	0.0
12:42 AM	30.3	83.0	0.0	38.9	315.0	0.0
12:43 AM	30.3	83.0	0.0	38.9	315.0	0.0
12:44 AM	30.3	83.0	0.0	38.9	315.0	0.0
12:45 AM	30.3	83.0	0.0	39.0	315.0	0.0
12:46 AM	30.3	83.0	0.0	39.0	315.0	0.0
12:47 AM	30.3	83.0	0.0	39.0	315.0	0.0
12:48 AM	30.3	83.0	0.0	39.0	315.0	0.0
12:49 AM	30.3	83.0	0.0	39.0	315.0	0.0
12:50 AM	30.3	83.0	0.0	39.0	315.0	0.0
12:51 AM	30.3	83.0	0.0	39.0	315.0	0.0
12:52 AM	30.3	83.0	0.0	39.0	315.0	0.0
12:53 AM	30.3	83.0	0.0	39.0	315.0	0.0

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

TIME	BAROMETRIC			WIND		
	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
12:54 AM	30.3	83.0	0.0	39.0	315.0	0.0
12:55 AM	30.3	84.0	0.0	38.9	315.0	0.0
12:56 AM	30.3	84.0	0.0	38.9	315.0	0.0
12:57 AM	30.3	84.0	0.0	38.9	315.0	0.0
12:58 AM	30.3	84.0	0.0	38.8	315.0	0.0
12:59 AM	30.3	84.0	0.0	38.8	315.0	0.0
1:00 AM	30.3	84.0	0.0	38.8	315.0	0.0
1:01 AM	30.3	84.0	0.0	38.8	315.0	0.0
1:02 AM	30.3	84.0	0.0	38.8	315.0	0.0
1:03 AM	30.3	84.0	0.0	38.8	315.0	0.0
1:04 AM	30.3	84.0	0.0	38.8	315.0	0.0
1:05 AM	30.3	84.0	0.0	38.8	315.0	0.0
1:06 AM	30.3	84.0	0.0	38.8	315.0	0.0
1:07 AM	30.3	84.0	0.0	38.8	315.0	0.0
1:08 AM	30.3	85.0	0.0	38.8	315.0	0.0
1:09 AM	30.3	85.0	0.0	38.8	315.0	0.0
1:10 AM	30.3	85.0	0.0	38.8	315.0	0.0
1:11 AM	30.3	85.0	0.0	38.9	315.0	0.0
1:12 AM	30.3	85.0	0.0	38.9	315.0	1.2
1:13 AM	30.3	85.0	0.0	38.9	315.0	1.2
1:14 AM	30.3	85.0	0.0	38.9	315.0	0.0
1:15 AM	30.3	85.0	0.0	38.9	315.0	1.2
1:16 AM	30.3	85.0	0.0	38.9	315.0	1.4
1:17 AM	30.3	85.0	0.0	38.9	315.0	1.4
1:18 AM	30.3	86.0	0.0	39.0	315.0	1.4
1:19 AM	30.3	86.0	0.0	39.0	315.0	1.6
1:20 AM	30.3	86.0	0.0	39.0	315.0	1.9
1:21 AM	30.3	86.0	0.0	39.0	315.0	2.1
1:22 AM	30.3	86.0	0.0	39.0	315.0	2.3
1:23 AM	30.3	86.0	0.0	39.0	315.0	2.3
1:24 AM	30.3	86.0	0.0	39.0	315.0	2.3
1:25 AM	30.3	86.0	0.0	39.0	315.0	2.1
1:26 AM	30.3	86.0	0.0	39.0	315.0	2.1
1:27 AM	30.3	86.0	0.0	39.0	315.0	1.9
1:28 AM	30.3	85.0	0.0	39.0	315.0	1.9
1:29 AM	30.3	85.0	0.0	39.0	315.0	1.4
1:30 AM	30.3	85.0	0.0	39.0	315.0	1.4
1:31 AM	30.3	85.0	0.0	39.0	315.0	1.4
1:32 AM	30.3	85.0	0.0	39.0	315.0	1.2
1:33 AM	30.3	84.0	0.0	39.0	315.0	0.0
1:34 AM	30.3	84.0	0.0	39.0	315.0	0.0
1:35 AM	30.3	84.0	0.0	39.0	315.0	0.0
1:36 AM	30.3	84.0	0.0	39.0	315.0	0.0
1:37 AM	30.3	83.0	0.0	39.0	315.0	0.0
1:38 AM	30.3	83.0	0.0	39.0	315.0	0.0
1:39 AM	30.3	83.0	0.0	39.0	315.0	1.6
1:40 AM	30.3	83.0	0.0	39.0	315.0	1.4
1:41 AM	30.3	83.0	0.0	39.0	315.0	1.2
1:42 AM	30.3	83.0	0.0	39.0	315.0	1.4
1:43 AM	30.3	83.0	0.0	39.0	315.0	0.0
1:44 AM	30.3	83.0	0.0	39.0	315.0	1.2
1:45 AM	30.3	83.0	0.0	39.0	315.0	1.2
1:46 AM	30.3	83.0	0.0	39.0	315.0	1.2
1:47 AM	30.3	83.0	0.0	39.0	315.0	1.4

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
1:48 AM	30.3	83.0	0.0	39.0	315.0	1.2
1:49 AM	30.3	83.0	0.0	39.0	315.0	1.2
1:50 AM	30.3	84.0	0.0	39.0	315.0	0.0
1:51 AM	30.3	84.0	0.0	39.0	315.0	0.0
1:52 AM	30.3	84.0	0.0	38.9	315.0	0.0
1:53 AM	30.3	84.0	0.0	38.9	315.0	0.0
1:54 AM	30.3	84.0	0.0	38.9	315.0	0.0
1:55 AM	30.3	84.0	0.0	38.9	315.0	0.0
1:56 AM	30.3	84.0	0.0	38.8	315.0	0.0
1:57 AM	30.3	84.0	0.0	38.8	315.0	0.0
1:58 AM	30.3	84.0	0.0	38.8	315.0	0.0
1:59 AM	30.3	84.0	0.0	38.8	315.0	0.0
2:00 AM	30.3	84.0	0.0	38.7	315.0	0.0
2:01 AM	30.3	84.0	0.0	38.7	315.0	0.0
2:02 AM	30.3	84.0	0.0	38.7	315.0	0.0
2:03 AM	30.3	84.0	0.0	38.7	315.0	0.0
2:04 AM	30.3	84.0	0.0	38.7	315.0	0.0
2:05 AM	30.3	84.0	0.0	38.7	315.0	0.0
2:06 AM	30.3	84.0	0.0	38.7	315.0	0.0
2:07 AM	30.3	84.0	0.0	38.7	315.0	0.0
2:08 AM	30.3	84.0	0.0	38.7	315.0	0.0
2:09 AM	30.3	85.0	0.0	38.7	315.0	0.0
2:10 AM	30.3	85.0	0.0	38.7	315.0	0.0
2:11 AM	30.3	85.0	0.0	38.7	315.0	1.9
2:12 AM	30.3	85.0	0.0	38.7	315.0	2.3
2:13 AM	30.3	86.0	0.0	38.6	315.0	2.3
2:14 AM	30.3	86.0	0.0	38.6	315.0	2.3
2:15 AM	30.3	86.0	0.0	38.5	315.0	2.3
2:16 AM	30.3	86.0	0.0	38.5	315.0	2.6
2:17 AM	30.3	86.0	0.0	38.5	292.0	3.5
2:18 AM	30.3	86.0	0.0	38.4	292.0	3.5
2:19 AM	30.3	86.0	0.0	38.4	292.0	3.0
2:20 AM	30.3	86.0	0.0	38.4	292.0	2.6
2:21 AM	30.3	86.0	0.0	38.4	292.0	2.6
2:22 AM	30.3	86.0	0.0	38.3	292.0	2.8
2:23 AM	30.3	86.0	0.0	38.3	292.0	3.0
2:24 AM	30.3	86.0	0.0	38.3	292.0	2.8
2:25 AM	30.3	86.0	0.0	38.3	292.0	2.8
2:26 AM	30.3	86.0	0.0	38.3	292.0	3.5
2:27 AM	30.3	86.0	0.0	38.3	292.0	3.3
2:28 AM	30.3	86.0	0.0	38.3	315.0	3.5
2:29 AM	30.3	86.0	0.0	38.3	315.0	3.3
2:30 AM	30.3	86.0	0.0	38.2	315.0	3.5
2:31 AM	30.3	86.0	0.0	38.2	315.0	3.3
2:32 AM	30.3	86.0	0.0	38.2	315.0	3.7
2:33 AM	30.3	86.0	0.0	38.2	315.0	3.3
2:34 AM	30.3	86.0	0.0	38.2	315.0	3.5
2:35 AM	30.3	86.0	0.0	38.2	315.0	3.5
2:36 AM	30.3	86.0	0.0	38.2	315.0	3.0
2:37 AM	30.3	86.0	0.0	38.2	315.0	3.0
2:38 AM	30.3	86.0	0.0	38.2	315.0	3.0
2:39 AM	30.3	86.0	0.0	38.2	315.0	1.6
2:40 AM	30.3	86.0	0.0	38.2	315.0	2.1
2:41 AM	30.3	86.0	0.0	38.2	315.0	2.1

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
2:42 AM	30.3	86.0	0.0	38.2	315.0	2.3
2:43 AM	30.3	86.0	0.0	38.2	292.0	3.7
2:44 AM	30.3	86.0	0.0	38.2	292.0	4.9
2:45 AM	30.3	86.0	0.0	38.2	292.0	4.2
2:46 AM	30.3	86.0	0.0	38.2	292.0	2.8
2:47 AM	30.3	86.0	0.0	38.2	292.0	2.1
2:48 AM	30.3	86.0	0.0	38.2	292.0	2.1
2:49 AM	30.3	86.0	0.0	38.2	292.0	2.1
2:50 AM	30.3	86.0	0.0	38.2	292.0	1.2
2:51 AM	30.3	86.0	0.0	38.2	292.0	1.2
2:52 AM	30.3	86.0	0.0	38.2	292.0	1.2
2:53 AM	30.3	86.0	0.0	38.2	292.0	1.2
2:54 AM	30.3	86.0	0.0	38.2	292.0	1.2
2:55 AM	30.3	86.0	0.0	38.2	292.0	0.0
2:56 AM	30.3	86.0	0.0	38.2	292.0	0.0
2:57 AM	30.3	86.0	0.0	38.2	292.0	1.4
2:58 AM	30.3	86.0	0.0	38.2	292.0	1.6
2:59 AM	30.3	87.0	0.0	38.2	292.0	1.6
3:00 AM	30.3	87.0	0.0	38.2	292.0	2.1
3:01 AM	30.3	87.0	0.0	38.1	292.0	1.4
3:02 AM	30.3	87.0	0.0	38.1	292.0	1.9
3:03 AM	30.3	87.0	0.0	38.1	292.0	2.1
3:04 AM	30.3	87.0	0.0	38.1	292.0	1.6
3:05 AM	30.3	87.0	0.0	38.1	292.0	1.6
3:06 AM	30.3	87.0	0.0	38.1	292.0	1.6
3:07 AM	30.3	86.0	0.0	38.1	292.0	1.2
3:08 AM	30.3	86.0	0.0	38.1	292.0	1.6
3:09 AM	30.3	86.0	0.0	38.1	292.0	0.0
3:10 AM	30.3	86.0	0.0	38.1	292.0	1.6
3:11 AM	30.3	86.0	0.0	38.1	292.0	2.1
3:12 AM	30.3	86.0	0.0	38.1	292.0	2.6
3:13 AM	30.3	86.0	0.0	38.2	292.0	3.0
3:14 AM	30.3	86.0	0.0	38.2	292.0	3.5
3:15 AM	30.3	86.0	0.0	38.2	292.0	3.0
3:16 AM	30.3	86.0	0.0	38.2	292.0	2.6
3:17 AM	30.3	86.0	0.0	38.2	292.0	2.6
3:18 AM	30.3	85.0	0.0	38.2	292.0	2.3
3:19 AM	30.3	85.0	0.0	38.2	292.0	1.9
3:20 AM	30.3	85.0	0.0	38.2	292.0	2.1
3:21 AM	30.3	85.0	0.0	38.3	292.0	1.9
3:22 AM	30.3	85.0	0.0	38.3	292.0	1.9
3:23 AM	30.3	85.0	0.0	38.3	292.0	1.9
3:24 AM	30.3	85.0	0.0	38.3	292.0	1.6
3:25 AM	30.3	85.0	0.0	38.3	292.0	1.4
3:26 AM	30.3	85.0	0.0	38.3	292.0	1.2
3:27 AM	30.3	85.0	0.0	38.3	292.0	1.9
3:28 AM	30.3	85.0	0.0	38.3	292.0	1.6
3:29 AM	30.3	85.0	0.0	38.3	292.0	1.2
3:30 AM	30.3	85.0	0.0	38.3	292.0	1.6
3:31 AM	30.3	85.0	0.0	38.3	292.0	1.2
3:32 AM	30.3	85.0	0.0	38.3	292.0	1.9
3:33 AM	30.3	85.0	0.0	38.3	292.0	1.6
3:34 AM	30.3	85.0	0.0	38.4	292.0	2.1
3:35 AM	30.3	85.0	0.0	38.4	292.0	1.6

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
3:36 AM	30.3	85.0	0.0	38.4	292.0	1.9
3:37 AM	30.3	84.0	0.0	38.4	292.0	1.2
3:38 AM	30.3	84.0	0.0	38.4	292.0	0.0
3:39 AM	30.3	84.0	0.0	38.4	292.0	0.0
3:40 AM	30.3	84.0	0.0	38.5	292.0	0.0
3:41 AM	30.3	84.0	0.0	38.5	292.0	0.0
3:42 AM	30.3	84.0	0.0	38.5	292.0	0.0
3:43 AM	30.3	85.0	0.0	38.6	292.0	0.0
3:44 AM	30.3	85.0	0.0	38.6	292.0	0.0
3:45 AM	30.3	85.0	0.0	38.6	292.0	0.0
3:46 AM	30.3	85.0	0.0	38.7	292.0	0.0
3:47 AM	30.3	85.0	0.0	38.7	292.0	0.0
3:48 AM	30.3	85.0	0.0	38.7	292.0	0.0
3:49 AM	30.3	85.0	0.0	38.7	292.0	0.0
3:50 AM	30.3	85.0	0.0	38.7	292.0	0.0
3:51 AM	30.3	86.0	0.0	38.7	292.0	0.0
3:52 AM	30.3	86.0	0.0	38.7	292.0	0.0
3:53 AM	30.3	86.0	0.0	38.7	292.0	0.0
3:54 AM	30.3	86.0	0.0	38.7	292.0	0.0
3:55 AM	30.3	86.0	0.0	38.7	292.0	0.0
3:56 AM	30.3	86.0	0.0	38.7	292.0	0.0
3:57 AM	30.3	85.0	0.0	38.7	292.0	0.0
3:58 AM	30.3	85.0	0.0	38.7	292.0	0.0
3:59 AM	30.3	85.0	0.0	38.7	292.0	0.0
4:00 AM	30.3	85.0	0.0	38.8	292.0	0.0
4:01 AM	30.3	85.0	0.0	38.8	292.0	0.0
4:02 AM	30.3	85.0	0.0	38.8	292.0	0.0
4:03 AM	30.3	85.0	0.0	38.8	292.0	0.0
4:04 AM	30.3	85.0	0.0	38.8	292.0	0.0
4:05 AM	30.3	85.0	0.0	38.8	292.0	0.0
4:06 AM	30.3	85.0	0.0	38.8	292.0	0.0
4:07 AM	30.3	85.0	0.0	38.8	292.0	0.0
4:08 AM	30.3	85.0	0.0	38.8	292.0	0.0
4:09 AM	30.3	85.0	0.0	38.9	292.0	0.0
4:10 AM	30.3	85.0	0.0	38.9	292.0	0.0
4:11 AM	30.3	85.0	0.0	38.9	292.0	0.0
4:12 AM	30.2	85.0	0.0	38.9	292.0	1.2
4:13 AM	30.3	85.0	0.0	39.0	292.0	2.1
4:14 AM	30.3	85.0	0.0	39.0	292.0	2.8
4:15 AM	30.3	85.0	0.0	39.0	292.0	2.8
4:16 AM	30.3	85.0	0.0	39.1	292.0	3.3
4:17 AM	30.3	85.0	0.0	39.1	292.0	3.0
4:18 AM	30.3	85.0	0.0	39.1	292.0	2.3
4:19 AM	30.3	86.0	0.0	39.1	292.0	3.3
4:20 AM	30.3	86.0	0.0	39.2	270.0	3.3
4:21 AM	30.3	86.0	0.0	39.2	270.0	2.6
4:22 AM	30.3	86.0	0.0	39.2	270.0	2.3
4:23 AM	30.2	86.0	0.0	39.2	270.0	2.3
4:24 AM	30.3	86.0	0.0	39.2	270.0	1.6
4:25 AM	30.3	86.0	0.0	39.2	270.0	1.6
4:26 AM	30.3	86.0	0.0	39.2	270.0	1.6
4:27 AM	30.3	86.0	0.0	39.1	270.0	1.9
4:28 AM	30.2	86.0	0.0	39.1	270.0	1.9
4:29 AM	30.2	85.0	0.0	39.1	270.0	1.4

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
4:30 AM	30.2	85.0	0.0	39.1	270.0	0.0
4:31 AM	30.3	85.0	0.0	39.1	270.0	0.0
4:32 AM	30.2	85.0	0.0	39.1	270.0	0.0
4:33 AM	30.2	85.0	0.0	39.1	270.0	0.0
4:34 AM	30.2	85.0	0.0	39.1	270.0	0.0
4:35 AM	30.2	85.0	0.0	39.1	270.0	0.0
4:36 AM	30.2	85.0	0.0	39.2	270.0	0.0
4:37 AM	30.2	85.0	0.0	39.2	270.0	0.0
4:38 AM	30.2	85.0	0.0	39.2	270.0	0.0
4:39 AM	30.2	85.0	0.0	39.2	270.0	0.0
4:40 AM	30.2	85.0	0.0	39.2	270.0	0.0
4:41 AM	30.2	85.0	0.0	39.2	270.0	0.0
4:42 AM	30.2	85.0	0.0	39.2	270.0	0.0
4:43 AM	30.2	85.0	0.0	39.2	270.0	0.0
4:44 AM	30.2	85.0	0.0	39.2	270.0	0.0
4:45 AM	30.2	85.0	0.0	39.2	270.0	0.0
4:46 AM	30.2	85.0	0.0	39.2	270.0	0.0
4:47 AM	30.2	85.0	0.0	39.3	270.0	0.0
4:48 AM	30.2	85.0	0.0	39.3	270.0	0.0
4:49 AM	30.2	85.0	0.0	39.3	270.0	0.0
4:50 AM	30.2	85.0	0.0	39.3	270.0	0.0
4:51 AM	30.2	85.0	0.0	39.4	270.0	0.0
4:52 AM	30.2	85.0	0.0	39.4	270.0	0.0
4:53 AM	30.2	85.0	0.0	39.4	270.0	0.0
4:54 AM	30.2	85.0	0.0	39.4	270.0	0.0
4:55 AM	30.2	85.0	0.0	39.4	270.0	0.0
4:56 AM	30.2	85.0	0.0	39.4	270.0	0.0
4:57 AM	30.2	85.0	0.0	39.4	270.0	0.0
4:58 AM	30.2	85.0	0.0	39.5	270.0	0.0
4:59 AM	30.2	86.0	0.0	39.5	270.0	0.0
5:00 AM	30.2	86.0	0.0	39.5	270.0	0.0
5:01 AM	30.2	86.0	0.0	39.4	270.0	0.0
5:02 AM	30.2	86.0	0.0	39.4	270.0	0.0
5:03 AM	30.2	86.0	0.0	39.4	270.0	0.0
5:04 AM	30.2	86.0	0.0	39.5	270.0	1.2
5:05 AM	30.2	86.0	0.0	39.5	270.0	0.0
5:06 AM	30.2	86.0	0.0	39.5	270.0	1.4
5:07 AM	30.2	87.0	0.0	39.5	270.0	1.9
5:08 AM	30.2	87.0	0.0	39.5	270.0	1.9
5:09 AM	30.2	87.0	0.0	39.5	270.0	1.9
5:10 AM	30.2	87.0	0.0	39.5	270.0	1.9
5:11 AM	30.2	87.0	0.0	39.5	270.0	1.4
5:12 AM	30.2	87.0	0.0	39.5	270.0	0.0
5:13 AM	30.2	87.0	0.0	39.6	270.0	1.6
5:14 AM	30.2	87.0	0.0	39.6	270.0	0.0
5:15 AM	30.2	87.0	0.0	39.6	270.0	1.4
5:16 AM	30.2	86.0	0.0	39.6	270.0	1.9
5:17 AM	30.2	86.0	0.0	39.6	270.0	1.9
5:18 AM	30.2	86.0	0.0	39.6	270.0	2.1
5:19 AM	30.2	86.0	0.0	39.6	270.0	2.1
5:20 AM	30.2	86.0	0.0	39.5	270.0	2.6
5:21 AM	30.2	86.0	0.0	39.5	270.0	3.0
5:22 AM	30.2	86.0	0.0	39.5	270.0	2.8
5:23 AM	30.2	86.0	0.0	39.5	270.0	3.3

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
5:24 AM	30.2	86.0	0.0	39.5	270.0	3.5
5:25 AM	30.2	85.0	0.0	39.6	270.0	3.5
5:26 AM	30.2	85.0	0.0	39.6	270.0	3.3
5:27 AM	30.2	85.0	0.0	39.6	270.0	3.5
5:28 AM	30.2	85.0	0.0	39.6	292.0	3.3
5:29 AM	30.2	85.0	0.0	39.6	292.0	3.0
5:30 AM	30.2	85.0	0.0	39.6	292.0	2.3
5:31 AM	30.2	84.0	0.0	39.6	292.0	2.8
5:32 AM	30.2	84.0	0.0	39.6	292.0	1.9
5:33 AM	30.2	84.0	0.0	39.7	292.0	0.0
5:34 AM	30.2	84.0	0.0	39.7	337.0	2.8
5:35 AM	30.2	84.0	0.0	39.7	337.0	3.5
5:36 AM	30.2	84.0	0.0	39.7	337.0	4.2
5:37 AM	30.2	84.0	0.0	39.7	337.0	3.7
5:38 AM	30.2	84.0	0.0	39.7	337.0	3.0
5:39 AM	30.2	84.0	0.0	39.7	337.0	2.8
5:40 AM	30.2	84.0	0.0	39.7	337.0	2.1
5:41 AM	30.2	84.0	0.0	39.7	337.0	2.1
5:42 AM	30.2	84.0	0.0	39.7	337.0	0.0
5:43 AM	30.2	84.0	0.0	39.7	337.0	0.0
5:44 AM	30.2	84.0	0.0	39.7	337.0	0.0
5:45 AM	30.2	84.0	0.0	39.7	337.0	0.0
5:46 AM	30.2	84.0	0.0	39.7	337.0	0.0
5:47 AM	30.2	83.0	0.0	39.7	337.0	0.0
5:48 AM	30.2	83.0	0.0	39.7	337.0	0.0
5:49 AM	30.2	83.0	0.0	39.8	337.0	0.0
5:50 AM	30.2	83.0	0.0	39.8	337.0	1.2
5:51 AM	30.2	83.0	0.0	39.8	337.0	0.0
5:52 AM	30.2	83.0	0.0	39.8	337.0	0.0
5:53 AM	30.2	83.0	0.0	39.9	337.0	0.0
5:54 AM	30.2	83.0	0.0	39.9	337.0	0.0
5:55 AM	30.2	83.0	0.0	39.9	337.0	0.0
5:56 AM	30.2	83.0	0.0	40.0	45.0	2.6
5:57 AM	30.2	83.0	0.0	40.0	67.0	3.7
5:58 AM	30.2	83.0	0.0	40.0	67.0	3.7
5:59 AM	30.2	83.0	0.0	40.0	67.0	4.0
6:00 AM	30.2	83.0	0.0	40.1	67.0	4.2
6:01 AM	30.2	83.0	0.0	40.1	67.0	3.7
6:02 AM	30.2	83.0	0.0	40.1	67.0	3.0
6:03 AM	30.2	83.0	0.0	40.1	90.0	3.7
6:04 AM	30.2	83.0	0.0	40.1	112.0	3.5
6:05 AM	30.2	83.0	0.0	40.1	112.0	3.3
6:06 AM	30.2	83.0	0.0	40.1	135.0	3.7
6:07 AM	30.2	84.0	0.0	40.0	135.0	3.3
6:08 AM	30.2	84.0	0.0	40.0	135.0	2.6
6:09 AM	30.2	84.0	0.0	40.0	135.0	2.1
6:10 AM	30.2	84.0	0.0	39.9	135.0	0.0
6:11 AM	30.2	85.0	0.0	39.9	135.0	0.0
6:12 AM	30.2	85.0	0.0	39.8	135.0	1.2
6:13 AM	30.2	85.0	0.0	39.8	135.0	0.0
6:14 AM	30.2	85.0	0.0	39.7	135.0	0.0
6:15 AM	30.2	86.0	0.0	39.7	135.0	0.0
6:16 AM	30.2	86.0	0.0	39.7	135.0	0.0
6:17 AM	30.2	86.0	0.0	39.7	135.0	0.0

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
6:18 AM	30.2	86.0	0.0	39.7	135.0	0.0
6:19 AM	30.2	86.0	0.0	39.7	135.0	0.0
6:20 AM	30.2	86.0	0.0	39.7	135.0	0.0
6:21 AM	30.2	86.0	0.0	39.7	135.0	0.0
6:22 AM	30.2	86.0	0.0	39.7	135.0	0.0
6:23 AM	30.2	86.0	0.0	39.7	135.0	0.0
6:24 AM	30.2	86.0	0.0	39.7	135.0	0.0
6:25 AM	30.2	86.0	0.0	39.7	135.0	0.0
6:26 AM	30.2	86.0	0.0	39.8	135.0	0.0
6:27 AM	30.2	86.0	0.0	39.8	135.0	0.0
6:28 AM	30.2	86.0	0.0	39.9	135.0	0.0
6:29 AM	30.2	86.0	0.0	39.9	135.0	0.0
6:30 AM	30.2	86.0	0.0	39.9	247.0	3.5
6:31 AM	30.2	86.0	0.0	40.0	247.0	4.0
6:32 AM	30.3	86.0	0.0	40.0	247.0	4.0
6:33 AM	30.2	87.0	0.0	40.0	247.0	4.0
6:34 AM	30.3	86.0	0.0	40.0	247.0	4.2
6:35 AM	30.3	86.0	0.0	40.0	247.0	3.5
6:36 AM	30.2	86.0	0.0	40.0	270.0	4.2
6:37 AM	30.3	86.0	0.0	40.0	270.0	4.2
6:38 AM	30.2	86.0	0.0	40.0	270.0	6.3
6:39 AM	30.3	86.0	0.0	40.0	270.0	4.2
6:40 AM	30.3	86.0	0.0	40.0	270.0	4.7
6:41 AM	30.3	86.0	0.0	40.0	292.0	4.9
6:42 AM	30.2	86.0	0.0	40.0	292.0	6.8
6:43 AM	30.3	85.0	0.0	40.0	292.0	7.0
6:44 AM	30.3	85.0	0.0	40.0	292.0	5.4
6:45 AM	30.3	85.0	0.0	40.0	292.0	4.7
6:46 AM	30.3	85.0	0.0	40.0	292.0	3.5
6:47 AM	30.3	85.0	0.0	40.0	292.0	3.7
6:48 AM	30.3	85.0	0.0	39.9	292.0	3.7
6:49 AM	30.3	85.0	0.0	39.9	292.0	3.0
6:50 AM	30.3	85.0	0.0	39.9	292.0	3.0
6:51 AM	30.3	85.0	0.0	39.9	292.0	4.0
6:52 AM	30.3	85.0	0.0	39.9	292.0	4.0
6:53 AM	30.3	85.0	0.0	39.9	292.0	4.2
6:54 AM	30.3	85.0	0.0	39.9	292.0	4.9
6:55 AM	30.3	85.0	0.0	40.0	292.0	3.7
6:56 AM	30.3	85.0	0.0	40.0	292.0	3.7
6:57 AM	30.3	85.0	0.0	40.0	292.0	3.0
6:58 AM	30.3	85.0	0.0	40.0	315.0	3.7
6:59 AM	30.3	85.0	0.0	40.0	315.0	2.8
7:00 AM	30.3	85.0	0.0	40.0	315.0	2.6
7:01 AM	30.2	85.0	0.0	40.0	315.0	2.8
7:02 AM	30.2	85.0	0.0	40.0	315.0	2.1
7:03 AM	30.2	85.0	0.0	40.0	315.0	1.6
7:04 AM	30.2	85.0	0.0	40.0	315.0	0.0
7:05 AM	30.2	85.0	0.0	40.0	315.0	0.0
7:06 AM	30.2	85.0	0.0	40.0	315.0	0.0
7:07 AM	30.2	85.0	0.0	40.0	315.0	1.2
7:08 AM	30.2	85.0	0.0	40.0	315.0	0.0
7:09 AM	30.2	85.0	0.0	39.9	315.0	0.0
7:10 AM	30.2	85.0	0.0	39.9	315.0	0.0
7:11 AM	30.2	85.0	0.0	39.9	315.0	0.0

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
7:12 AM	30.2	85.0	0.0	39.9	315.0	0.0
7:13 AM	30.2	85.0	0.0	39.9	315.0	0.0
7:14 AM	30.2	85.0	0.0	39.9	315.0	0.0
7:15 AM	30.2	85.0	0.0	39.9	315.0	0.0
7:16 AM	30.2	85.0	0.0	39.8	315.0	0.0
7:17 AM	30.2	85.0	0.0	39.8	315.0	0.0
7:18 AM	30.2	85.0	0.0	39.8	315.0	0.0
7:19 AM	30.2	85.0	0.0	39.8	315.0	0.0
7:20 AM	30.2	85.0	0.0	39.8	315.0	0.0
7:21 AM	30.2	85.0	0.0	39.8	315.0	0.0
7:22 AM	30.2	85.0	0.0	39.8	315.0	0.0
7:23 AM	30.2	85.0	0.0	39.8	315.0	1.2
7:24 AM	30.2	85.0	0.0	39.8	315.0	1.4
7:25 AM	30.2	85.0	0.0	39.8	315.0	1.4
7:26 AM	30.2	85.0	0.0	39.8	315.0	1.6
7:27 AM	30.2	85.0	0.0	39.9	315.0	1.9
7:28 AM	30.2	85.0	0.0	39.9	315.0	1.9
7:29 AM	30.2	85.0	0.0	39.9	292.0	2.8
7:30 AM	30.2	85.0	0.0	40.0	292.0	3.3
7:31 AM	30.2	85.0	0.0	40.0	292.0	3.7
7:32 AM	30.2	85.0	0.0	40.0	292.0	4.2
7:33 AM	30.2	85.0	0.0	40.0	270.0	4.2
7:34 AM	30.2	85.0	0.0	40.1	270.0	4.0
7:35 AM	30.2	85.0	0.0	40.1	270.0	3.7
7:36 AM	30.2	85.0	0.0	40.1	270.0	4.7
7:37 AM	30.3	85.0	0.0	40.1	270.0	4.0
7:38 AM	30.3	85.0	0.0	40.1	270.0	3.3
7:39 AM	30.2	85.0	0.0	40.1	270.0	3.0
7:40 AM	30.2	85.0	0.0	40.1	270.0	2.6
7:41 AM	30.2	85.0	0.0	40.1	270.0	2.3
7:42 AM	30.2	85.0	0.0	40.1	270.0	2.6
7:43 AM	30.2	85.0	0.0	40.0	270.0	1.6
7:44 AM	30.2	85.0	0.0	40.0	270.0	1.6
7:45 AM	30.3	86.0	0.0	40.0	270.0	1.4
7:46 AM	30.3	86.0	0.0	40.0	270.0	1.2
7:47 AM	30.3	86.0	0.0	39.9	270.0	0.0
7:48 AM	30.3	86.0	0.0	39.9	270.0	0.0
7:49 AM	30.3	86.0	0.0	39.9	270.0	0.0
7:50 AM	30.3	86.0	0.0	39.9	270.0	0.0
7:51 AM	30.2	86.0	0.0	39.9	270.0	0.0
7:52 AM	30.2	86.0	0.0	39.8	270.0	0.0
7:53 AM	30.2	87.0	0.0	39.8	270.0	0.0
7:54 AM	30.2	87.0	0.0	39.8	270.0	1.9
7:55 AM	30.2	87.0	0.0	39.8	270.0	2.3
7:56 AM	30.2	87.0	0.0	39.9	270.0	2.1
7:57 AM	30.2	87.0	0.0	39.9	270.0	2.3
7:58 AM	30.2	87.0	0.0	39.9	270.0	2.3
7:59 AM	30.2	87.0	0.0	39.9	270.0	2.1
8:00 AM	30.2	87.0	0.0	39.9	270.0	1.6
8:01 AM	30.2	87.0	0.0	39.9	270.0	1.9
8:02 AM	30.2	87.0	0.0	39.9	270.0	2.3
8:03 AM	30.2	87.0	0.0	39.9	270.0	2.6
8:04 AM	30.2	87.0	0.0	39.9	270.0	2.8
8:05 AM	30.2	87.0	0.0	39.9	270.0	2.6

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
8:06 AM	30.3	87.0	0.0	39.9	270.0	2.1
8:07 AM	30.3	86.0	0.0	40.0	270.0	2.1
8:08 AM	30.3	86.0	0.0	40.0	270.0	2.8
8:09 AM	30.2	86.0	0.0	40.0	270.0	2.6
8:10 AM	30.3	86.0	0.0	40.0	270.0	2.6
8:11 AM	30.3	86.0	0.0	40.0	270.0	2.3
8:12 AM	30.3	86.0	0.0	40.0	270.0	1.9
8:13 AM	30.3	86.0	0.0	40.1	270.0	1.4
8:14 AM	30.3	86.0	0.0	40.1	270.0	1.6
8:15 AM	30.3	86.0	0.0	40.1	270.0	1.2
8:16 AM	30.2	86.0	0.0	40.1	270.0	1.4
8:17 AM	30.2	86.0	0.0	40.2	270.0	1.4
8:18 AM	30.2	86.0	0.0	40.2	270.0	2.1
8:19 AM	30.2	86.0	0.0	40.2	270.0	2.3
8:20 AM	30.2	86.0	0.0	40.3	270.0	2.6
8:21 AM	30.2	86.0	0.0	40.3	270.0	3.3
8:22 AM	30.2	85.0	0.0	40.3	247.0	3.0
8:23 AM	30.2	85.0	0.0	40.4	247.0	2.3
8:24 AM	30.2	85.0	0.0	40.4	247.0	2.8
8:25 AM	30.2	85.0	0.0	40.4	247.0	2.1
8:26 AM	30.2	85.0	0.0	40.5	247.0	2.1
8:27 AM	30.2	85.0	0.0	40.5	247.0	1.9
8:28 AM	30.3	85.0	0.0	40.6	247.0	1.9
8:29 AM	30.2	85.0	0.0	40.6	247.0	1.2
8:30 AM	30.2	85.0	0.0	40.7	247.0	1.9
8:31 AM	30.2	85.0	0.0	40.8	247.0	1.4
8:32 AM	30.2	85.0	0.0	40.8	247.0	1.2
8:33 AM	30.2	85.0	0.0	40.9	247.0	1.2
8:34 AM	30.2	85.0	0.0	40.9	247.0	1.2
8:35 AM	30.3	85.0	0.0	41.0	247.0	0.0
8:36 AM	30.2	85.0	0.0	41.1	247.0	0.0
8:37 AM	30.2	85.0	0.0	41.2	247.0	0.0
8:38 AM	30.3	85.0	0.0	41.2	247.0	0.0
8:39 AM	30.2	84.0	0.0	41.3	247.0	0.0
8:40 AM	30.3	84.0	0.0	41.4	247.0	0.0
8:41 AM	30.2	84.0	0.0	41.4	247.0	0.0
8:42 AM	30.3	84.0	0.0	41.6	247.0	0.0
8:43 AM	30.2	84.0	0.0	41.6	247.0	0.0
8:44 AM	30.2	84.0	0.0	41.7	247.0	0.0
8:45 AM	30.3	84.0	0.0	41.8	247.0	0.0
8:46 AM	30.3	84.0	0.0	41.8	247.0	0.0
8:47 AM	30.3	83.0	0.0	41.9	247.0	0.0
8:48 AM	30.3	83.0	0.0	41.9	247.0	0.0
8:49 AM	30.3	83.0	0.0	42.0	247.0	1.2
8:50 AM	30.3	83.0	0.0	42.1	247.0	0.0
8:51 AM	30.3	83.0	0.0	42.1	247.0	0.0
8:52 AM	30.3	82.0	0.0	42.2	247.0	0.0
8:53 AM	30.3	82.0	0.0	42.3	247.0	0.0
8:54 AM	30.3	82.0	0.0	42.3	247.0	0.0
8:55 AM	30.3	82.0	0.0	42.3	247.0	0.0
8:56 AM	30.3	82.0	0.0	42.4	247.0	0.0
8:57 AM	30.3	82.0	0.0	42.5	247.0	0.0
8:58 AM	30.3	82.0	0.0	42.5	247.0	0.0
8:59 AM	30.3	81.0	0.0	42.6	247.0	0.0

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
9:00 AM	30.3	81.0	0.0	42.7	247.0	0.0
9:01 AM	30.3	81.0	0.0	42.7	247.0	1.2
9:02 AM	30.3	81.0	0.0	42.7	247.0	0.0
9:03 AM	30.3	81.0	0.0	42.8	202.0	3.0
9:04 AM	30.2	81.0	0.0	42.9	202.0	4.2
9:05 AM	30.2	81.0	0.0	42.9	202.0	3.5
9:06 AM	30.3	81.0	0.0	42.9	202.0	2.8
9:07 AM	30.2	81.0	0.0	43.0	202.0	3.3
9:08 AM	30.3	81.0	0.0	43.0	202.0	2.8
9:09 AM	30.2	81.0	0.0	43.0	202.0	3.3
9:10 AM	30.3	81.0	0.0	43.0	202.0	4.0
9:11 AM	30.3	81.0	0.0	43.1	202.0	2.8
9:12 AM	30.3	81.0	0.0	43.1	202.0	3.0
9:13 AM	30.3	81.0	0.0	43.1	202.0	2.6
9:14 AM	30.3	81.0	0.0	43.2	202.0	2.1
9:15 AM	30.3	81.0	0.0	43.2	202.0	2.3
9:16 AM	30.3	81.0	0.0	43.2	202.0	3.3
9:17 AM	30.3	81.0	0.0	43.2	202.0	1.9
9:18 AM	30.2	81.0	0.0	43.3	202.0	1.9
9:19 AM	30.3	81.0	0.0	43.3	202.0	1.6
9:20 AM	30.3	81.0	0.0	43.4	202.0	1.2
9:21 AM	30.3	81.0	0.0	43.5	202.0	1.4
9:22 AM	30.2	81.0	0.0	43.5	202.0	0.0
9:23 AM	30.3	81.0	0.0	43.6	202.0	0.0
9:24 AM	30.3	81.0	0.0	43.7	202.0	0.0
9:25 AM	30.3	81.0	0.0	43.8	202.0	0.0
9:26 AM	30.3	80.0	0.0	43.9	112.0	0.0
9:27 AM	30.3	80.0	0.0	44.0	112.0	0.0
9:28 AM	30.3	80.0	0.0	44.1	112.0	0.0
9:29 AM	30.3	80.0	0.0	44.2	90.0	1.2
9:30 AM	30.3	80.0	0.0	44.2	90.0	0.0
9:31 AM	30.3	79.0	0.0	44.3	90.0	0.0
9:32 AM	30.3	79.0	0.0	44.4	90.0	0.0
9:33 AM	30.3	79.0	0.0	44.4	90.0	0.0
9:34 AM	30.3	79.0	0.0	44.5	90.0	1.6
9:35 AM	30.3	78.0	0.0	44.5	90.0	0.0
9:36 AM	30.3	78.0	0.0	44.5	202.0	1.6
9:37 AM	30.3	78.0	0.0	44.6	202.0	1.4
9:38 AM	30.3	78.0	0.0	44.6	202.0	1.4
9:39 AM	30.3	78.0	0.0	44.6	202.0	0.0
9:40 AM	30.3	78.0	0.0	44.7	202.0	0.0
9:41 AM	30.3	78.0	0.0	44.7	202.0	1.2
9:42 AM	30.3	78.0	0.0	44.8	202.0	0.0
9:43 AM	30.3	78.0	0.0	44.8	202.0	1.2
9:44 AM	30.2	77.0	0.0	44.9	202.0	1.2
9:45 AM	30.3	77.0	0.0	44.9	202.0	1.4
9:46 AM	30.3	77.0	0.0	45.0	202.0	1.4
9:47 AM	30.3	77.0	0.0	45.1	202.0	2.1
9:48 AM	30.3	77.0	0.0	45.1	202.0	1.9
9:49 AM	30.3	77.0	0.0	45.2	202.0	1.4
9:50 AM	30.3	77.0	0.0	45.3	202.0	1.2
9:51 AM	30.3	77.0	0.0	45.4	202.0	0.0
9:52 AM	30.3	77.0	0.0	45.4	202.0	0.0
9:53 AM	30.3	77.0	0.0	45.5	202.0	0.0

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
9:54 AM	30.3	77.0	0.0	45.6	202.0	0.0
9:55 AM	30.3	77.0	0.0	45.6	202.0	0.0
9:56 AM	30.3	77.0	0.0	45.7	202.0	0.0
9:57 AM	30.3	77.0	0.0	45.7	202.0	0.0
9:58 AM	30.3	77.0	0.0	45.8	202.0	2.1
9:59 AM	30.3	77.0	0.0	45.8	202.0	2.1
10:00 AM	30.3	77.0	0.0	45.9	202.0	2.3
10:01 AM	30.3	77.0	0.0	46.0	202.0	1.9
10:02 AM	30.3	77.0	0.0	46.0	202.0	1.9
10:03 AM	30.3	76.0	0.0	46.1	202.0	2.6
10:04 AM	30.3	76.0	0.0	46.1	202.0	2.3
10:05 AM	30.3	76.0	0.0	46.2	202.0	2.6
10:06 AM	30.3	76.0	0.0	46.3	202.0	2.1
10:07 AM	30.3	76.0	0.0	46.3	202.0	1.6
10:08 AM	30.3	76.0	0.0	46.4	202.0	0.0
10:09 AM	30.3	76.0	0.0	46.4	202.0	1.4
10:10 AM	30.3	76.0	0.0	46.5	202.0	1.2
10:11 AM	30.3	75.0	0.0	46.5	202.0	0.0
10:12 AM	30.3	75.0	0.0	46.5	202.0	0.0
10:13 AM	30.3	75.0	0.0	46.6	202.0	1.4
10:14 AM	30.3	75.0	0.0	46.6	202.0	0.0
10:15 AM	30.3	75.0	0.0	46.6	202.0	1.4
10:16 AM	30.3	75.0	0.0	46.7	202.0	1.2
10:17 AM	30.3	74.0	0.0	46.8	202.0	1.4
10:18 AM	30.3	74.0	0.0	46.8	202.0	0.0
10:19 AM	30.3	74.0	0.0	46.9	202.0	0.0
10:20 AM	30.3	74.0	0.0	46.9	202.0	0.0
10:21 AM	30.3	74.0	0.0	47.0	202.0	0.0
10:22 AM	30.3	74.0	0.0	47.0	202.0	1.2
10:23 AM	30.3	73.0	0.0	47.0	202.0	0.0
10:24 AM	30.3	73.0	0.0	47.1	202.0	2.1
10:25 AM	30.3	73.0	0.0	47.1	202.0	1.4
10:26 AM	30.3	73.0	0.0	47.2	202.0	2.1
10:27 AM	30.2	73.0	0.0	47.2	202.0	2.3
10:28 AM	30.2	73.0	0.0	47.2	202.0	2.6
10:29 AM	30.2	73.0	0.0	47.2	202.0	2.8
10:30 AM	30.2	72.0	0.0	47.2	202.0	3.3
10:31 AM	30.2	72.0	0.0	47.2	202.0	3.5
10:32 AM	30.2	72.0	0.0	47.2	202.0	2.1
10:33 AM	30.2	72.0	0.0	47.2	202.0	2.6
10:34 AM	30.2	72.0	0.0	47.2	202.0	2.8
10:35 AM	30.2	72.0	0.0	47.2	202.0	2.3
10:36 AM	30.2	72.0	0.0	47.2	202.0	1.4
10:37 AM	30.2	71.0	0.0	47.2	202.0	1.4
10:38 AM	30.2	71.0	0.0	47.2	202.0	1.2
10:39 AM	30.2	71.0	0.0	47.2	202.0	0.0
10:40 AM	30.2	71.0	0.0	47.3	202.0	1.2
10:41 AM	30.3	71.0	0.0	47.3	202.0	0.0
10:42 AM	30.2	71.0	0.0	47.4	202.0	0.0
10:43 AM	30.3	71.0	0.0	47.4	202.0	0.0
10:44 AM	30.3	70.0	0.0	47.5	202.0	0.0
10:45 AM	30.2	70.0	0.0	47.6	202.0	0.0
10:46 AM	30.2	70.0	0.0	47.6	202.0	0.0
10:47 AM	30.2	70.0	0.0	47.7	202.0	0.0

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
10:48 AM	30.2	70.0	0.0	47.8	202.0	0.0
10:49 AM	30.2	70.0	0.0	47.9	202.0	0.0
10:50 AM	30.3	69.0	0.0	48.0	202.0	0.0
10:51 AM	30.3	69.0	0.0	48.1	202.0	0.0
10:52 AM	30.3	69.0	0.0	48.1	202.0	0.0
10:53 AM	30.2	69.0	0.0	48.1	202.0	0.0
10:54 AM	30.2	69.0	0.0	48.2	112.0	0.0
10:55 AM	30.2	68.0	0.0	48.2	112.0	0.0
10:56 AM	30.3	68.0	0.0	48.2	112.0	0.0
10:57 AM	30.3	68.0	0.0	48.3	112.0	1.2
10:58 AM	30.2	68.0	0.0	48.3	112.0	0.0
10:59 AM	30.2	68.0	0.0	48.3	112.0	0.0
11:00 AM	30.3	68.0	0.0	48.3	112.0	0.0
11:01 AM	30.3	68.0	0.0	48.3	112.0	0.0
11:02 AM	30.3	68.0	0.0	48.4	112.0	1.2
11:03 AM	30.3	68.0	0.0	48.4	112.0	0.0
11:04 AM	30.3	68.0	0.0	48.5	112.0	0.0
11:05 AM	30.3	68.0	0.0	48.5	112.0	0.0
11:06 AM	30.3	68.0	0.0	48.5	112.0	0.0
11:07 AM	30.3	68.0	0.0	48.6	112.0	0.0
11:08 AM	30.3	68.0	0.0	48.6	112.0	0.0
11:09 AM	30.3	68.0	0.0	48.7	112.0	0.0
11:10 AM	30.3	68.0	0.0	48.7	112.0	0.0
11:11 AM	30.3	68.0	0.0	48.8	135.0	0.0
11:12 AM	30.3	68.0	0.0	48.8	157.0	1.2
11:13 AM	30.3	68.0	0.0	48.9	180.0	3.0
11:14 AM	30.2	68.0	0.0	48.9	180.0	2.8
11:15 AM	30.3	68.0	0.0	48.9	180.0	2.3
11:16 AM	30.2	68.0	0.0	48.9	180.0	2.6
11:17 AM	30.2	68.0	0.0	48.9	180.0	1.6
11:18 AM	30.2	68.0	0.0	49.0	180.0	1.6
11:19 AM	30.2	68.0	0.0	49.0	180.0	0.0
11:20 AM	30.2	68.0	0.0	49.0	180.0	0.0
11:21 AM	30.2	68.0	0.0	49.0	180.0	0.0
11:22 AM	30.2	68.0	0.0	49.0	180.0	0.0
11:23 AM	30.2	68.0	0.0	49.0	180.0	0.0
11:24 AM	30.2	68.0	0.0	49.0	157.0	1.2
11:25 AM	30.2	68.0	0.0	49.0	157.0	1.4
11:26 AM	30.2	68.0	0.0	49.0	157.0	1.4
11:27 AM	30.2	68.0	0.0	49.0	157.0	1.4
11:28 AM	30.2	68.0	0.0	49.0	157.0	1.6
11:29 AM	30.2	69.0	0.0	49.0	157.0	1.4
11:30 AM	30.2	69.0	0.0	49.0	157.0	0.0
11:31 AM	30.2	69.0	0.0	49.0	157.0	1.2
11:32 AM	30.2	69.0	0.0	49.0	157.0	1.2
11:33 AM	30.2	69.0	0.0	49.1	157.0	0.0
11:34 AM	30.2	69.0	0.0	49.1	157.0	0.0
11:35 AM	30.2	69.0	0.0	49.2	157.0	0.0
11:36 AM	30.2	69.0	0.0	49.3	157.0	0.0
11:37 AM	30.2	69.0	0.0	49.4	157.0	0.0
11:38 AM	30.2	69.0	0.0	49.5	157.0	0.0
11:39 AM	30.2	69.0	0.0	49.6	157.0	0.0
11:40 AM	30.2	69.0	0.0	49.8	157.0	0.0
11:41 AM	30.2	69.0	0.0	49.9	157.0	0.0

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
11:42 AM	30.3	69.0	0.0	50.0	157.0	0.0
11:43 AM	30.2	69.0	0.0	50.2	157.0	0.0
11:44 AM	30.2	69.0	0.0	50.3	157.0	0.0
11:45 AM	30.2	69.0	0.0	50.5	157.0	0.0
11:46 AM	30.2	69.0	0.0	50.6	157.0	1.6
11:47 AM	30.2	69.0	0.0	50.7	157.0	1.4
11:48 AM	30.2	69.0	0.0	50.9	157.0	1.6
11:49 AM	30.2	68.0	0.0	51.0	157.0	3.0
11:50 AM	30.2	69.0	0.0	51.1	135.0	2.3
11:51 AM	30.2	69.0	0.0	51.2	135.0	0.0
11:52 AM	30.2	69.0	0.0	51.3	135.0	0.0
11:53 AM	30.2	68.0	0.0	51.3	135.0	1.4
11:54 AM	30.2	68.0	0.0	51.4	135.0	0.0
11:55 AM	30.2	68.0	0.0	51.5	135.0	0.0
11:56 AM	30.2	68.0	0.0	51.6	135.0	0.0
11:57 AM	30.2	68.0	0.0	51.8	202.0	2.1
11:58 AM	30.2	68.0	0.0	51.9	202.0	2.6
11:59 AM	30.2	68.0	0.0	51.9	202.0	3.0
12:00 PM	30.2	68.0	0.0	52.0	202.0	4.0
12:01 PM	30.2	68.0	0.0	52.1	202.0	3.3
12:02 PM	30.2	68.0	0.0	52.2	202.0	3.3
12:03 PM	30.2	68.0	0.0	52.2	202.0	2.8
12:04 PM	30.2	68.0	0.0	52.3	202.0	1.2
12:05 PM	30.2	69.0	0.0	52.4	202.0	1.6
12:06 PM	30.2	69.0	0.0	52.4	202.0	2.3
12:07 PM	30.2	69.0	0.0	52.4	202.0	2.8
12:08 PM	30.2	70.0	0.0	52.4	225.0	0.0
12:09 PM	30.2	70.0	0.0	52.4	247.0	0.0
12:10 PM	30.2	70.0	0.0	52.5	247.0	0.0
12:11 PM	30.2	69.0	0.0	52.5	247.0	0.0
12:12 PM	30.2	69.0	0.0	52.6	247.0	0.0
12:13 PM	30.2	69.0	0.0	52.7	247.0	0.0
12:14 PM	30.2	69.0	0.0	52.8	202.0	3.0
12:15 PM	30.2	69.0	0.0	52.8	202.0	1.9
12:16 PM	30.2	69.0	0.0	52.8	202.0	2.8
12:17 PM	30.2	69.0	0.0	52.9	202.0	1.4
12:18 PM	30.2	69.0	0.0	53.0	202.0	0.0
12:19 PM	30.2	68.0	0.0	53.0	202.0	0.0
12:20 PM	30.2	68.0	0.0	53.1	202.0	0.0
12:21 PM	30.2	68.0	0.0	53.2	202.0	0.0
12:22 PM	30.2	68.0	0.0	53.3	112.0	0.0
12:23 PM	30.2	68.0	0.0	53.4	112.0	0.0
12:24 PM	30.2	68.0	0.0	53.6	112.0	0.0
12:25 PM	30.2	68.0	0.0	53.7	112.0	0.0
12:26 PM	30.2	68.0	0.0	53.8	202.0	1.9
12:27 PM	30.2	68.0	0.0	54.0	270.0	3.3
12:28 PM	30.2	68.0	0.0	54.1	292.0	4.7
12:29 PM	30.2	68.0	0.0	54.2	292.0	3.5
12:30 PM	30.2	68.0	0.0	54.3	292.0	2.8
12:31 PM	30.2	69.0	0.0	54.4	292.0	1.9
12:32 PM	30.2	69.0	0.0	54.4	337.0	2.6
12:33 PM	30.2	69.0	0.0	54.4	337.0	2.8
12:34 PM	30.2	70.0	0.0	54.5	337.0	0.0
12:35 PM	30.2	70.0	0.0	54.5	292.0	2.3

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
12:36 PM	30.2	70.0	0.0	54.5	292.0	1.2
12:37 PM	30.2	70.0	0.0	54.5	270.0	0.0
12:38 PM	30.2	70.0	0.0	54.6	247.0	0.0
12:39 PM	30.2	70.0	0.0	54.6	225.0	0.0
12:40 PM	30.2	70.0	0.0	54.6	225.0	1.6
12:41 PM	30.2	70.0	0.0	54.7	225.0	0.0
12:42 PM	30.2	70.0	0.0	54.7	225.0	0.0
12:43 PM	30.2	70.0	0.0	54.7	225.0	0.0
12:44 PM	30.2	70.0	0.0	54.8	225.0	0.0
12:45 PM	30.2	70.0	0.0	54.7	225.0	0.0
12:46 PM	30.2	70.0	0.0	54.8	225.0	0.0
12:47 PM	30.2	70.0	0.0	54.8	225.0	0.0
12:48 PM	30.2	70.0	0.0	54.9	225.0	0.0
12:49 PM	30.2	70.0	0.0	54.9	225.0	0.0
12:50 PM	30.2	70.0	0.0	54.9	225.0	0.0
12:51 PM	30.2	70.0	0.0	54.9	225.0	0.0
12:52 PM	30.2	70.0	0.0	54.8	225.0	0.0
12:53 PM	30.2	70.0	0.0	54.8	225.0	0.0
12:54 PM	30.2	71.0	0.0	54.8	225.0	0.0
12:55 PM	30.2	71.0	0.0	54.8	157.0	0.0
12:56 PM	30.2	71.0	0.0	54.7	157.0	0.0
12:57 PM	30.2	71.0	0.0	54.7	157.0	0.0
12:58 PM	30.2	71.0	0.0	54.6	157.0	0.0
12:59 PM	30.2	71.0	0.0	54.5	157.0	2.3
1:00 PM	30.2	71.0	0.0	54.3	157.0	2.8
1:01 PM	30.2	71.0	0.0	54.3	157.0	3.3
1:02 PM	30.2	72.0	0.0	54.3	157.0	2.3
1:03 PM	30.2	72.0	0.0	54.2	112.0	3.3
1:04 PM	30.2	72.0	0.0	54.2	112.0	1.9
1:05 PM	30.2	72.0	0.0	54.1	112.0	0.0
1:06 PM	30.2	72.0	0.0	54.0	112.0	2.6
1:07 PM	30.2	73.0	0.0	54.0	112.0	4.4
1:08 PM	30.2	73.0	0.0	53.9	135.0	2.6
1:09 PM	30.2	73.0	0.0	54.0	135.0	1.6
1:10 PM	30.2	73.0	0.0	54.0	157.0	1.6
1:11 PM	30.2	73.0	0.0	54.1	157.0	0.0
1:12 PM	30.2	74.0	0.0	54.2	157.0	0.0
1:13 PM	30.2	74.0	0.0	54.3	157.0	1.6
1:14 PM	30.2	74.0	0.0	54.4	157.0	1.9
1:15 PM	30.2	74.0	0.0	54.5	157.0	1.4
1:16 PM	30.2	74.0	0.0	54.6	157.0	3.0
1:17 PM	30.2	74.0	0.0	54.6	135.0	3.5
1:18 PM	30.2	74.0	0.0	54.6	135.0	2.3
1:19 PM	30.2	74.0	0.0	54.7	202.0	3.5
1:20 PM	30.2	74.0	0.0	54.7	202.0	3.0
1:21 PM	30.2	74.0	0.0	54.6	202.0	3.0
1:22 PM	30.2	74.0	0.0	54.6	202.0	1.2
1:23 PM	30.2	74.0	0.0	54.6	202.0	0.0
1:24 PM	30.2	75.0	0.0	54.6	202.0	0.0
1:25 PM	30.2	75.0	0.0	54.6	202.0	0.0
1:26 PM	30.2	74.0	0.0	54.7	202.0	3.0
1:27 PM	30.2	74.0	0.0	54.8	202.0	1.6
1:28 PM	30.2	74.0	0.0	54.9	202.0	2.3
1:29 PM	30.2	74.0	0.0	55.0	180.0	2.3

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
1:30 PM	30.2	74.0	0.0	55.0	180.0	1.9
1:31 PM	30.2	74.0	0.0	55.1	180.0	0.0
1:32 PM	30.2	74.0	0.0	55.1	180.0	2.1
1:33 PM	30.2	75.0	0.0	55.1	202.0	5.4
1:34 PM	30.2	75.0	0.0	55.1	202.0	4.7
1:35 PM	30.2	75.0	0.0	55.1	202.0	3.7
1:36 PM	30.2	75.0	0.0	55.0	202.0	3.5
1:37 PM	30.2	75.0	0.0	55.0	202.0	4.0
1:38 PM	30.2	75.0	0.0	54.9	202.0	4.9
1:39 PM	30.2	76.0	0.0	54.9	202.0	3.3
1:40 PM	30.2	76.0	0.0	54.9	202.0	3.5
1:41 PM	30.2	76.0	0.0	55.0	202.0	2.8
1:42 PM	30.2	76.0	0.0	55.0	202.0	2.8
1:43 PM	30.2	76.0	0.0	55.2	202.0	2.6
1:44 PM	30.2	76.0	0.0	55.3	202.0	2.6
1:45 PM	30.2	76.0	0.0	55.4	157.0	4.0
1:46 PM	30.2	76.0	0.0	55.5	180.0	4.4
1:47 PM	30.2	76.0	0.0	55.6	157.0	4.4
1:48 PM	30.2	76.0	0.0	55.6	135.0	2.6
1:49 PM	30.2	75.0	0.0	55.7	112.0	2.6
1:50 PM	30.2	75.0	0.0	55.8	135.0	4.7
1:51 PM	30.2	75.0	0.0	55.9	202.0	5.4
1:52 PM	30.2	75.0	0.0	56.0	247.0	4.7
1:53 PM	30.2	75.0	0.0	56.1	202.0	5.6
1:54 PM	30.2	75.0	0.0	56.1	225.0	6.5
1:55 PM	30.2	74.0	0.0	56.2	247.0	6.3
1:56 PM	30.2	74.0	0.0	56.4	270.0	4.9
1:57 PM	30.2	74.0	0.0	56.6	292.0	5.4
1:58 PM	30.2	74.0	0.0	56.8	270.0	4.7
1:59 PM	30.2	74.0	0.0	57.0	247.0	6.1
2:00 PM	30.2	73.0	0.0	57.0	202.0	5.6
2:01 PM	30.2	73.0	0.0	57.0	202.0	5.4
2:02 PM	30.2	73.0	0.0	57.0	202.0	4.0
2:03 PM	30.2	73.0	0.0	57.1	247.0	4.2
2:04 PM	30.2	73.0	0.0	57.2	247.0	4.0
2:05 PM	30.2	73.0	0.0	57.2	202.0	6.8
2:06 PM	30.2	73.0	0.0	57.1	202.0	4.7
2:07 PM	30.2	73.0	0.0	57.1	180.0	5.1
2:08 PM	30.2	73.0	0.0	57.1	157.0	2.6
2:09 PM	30.2	73.0	0.0	57.2	225.0	2.8
2:10 PM	30.2	73.0	0.0	57.3	270.0	3.5
2:11 PM	30.2	73.0	0.0	57.4	225.0	3.0
2:12 PM	30.2	73.0	0.0	57.5	247.0	5.6
2:13 PM	30.2	72.0	0.0	57.7	270.0	3.3
2:14 PM	30.2	72.0	0.0	57.7	292.0	2.6
2:15 PM	30.2	72.0	0.0	57.9	270.0	0.0
2:16 PM	30.2	72.0	0.0	58.0	157.0	7.0
2:17 PM	30.2	71.0	0.0	58.1	202.0	3.7
2:18 PM	30.2	71.0	0.0	58.2	225.0	1.4
2:19 PM	30.2	71.0	0.0	58.3	225.0	3.3
2:20 PM	30.2	71.0	0.0	58.3	225.0	3.3
2:21 PM	30.2	71.0	0.0	58.3	202.0	2.3
2:22 PM	30.2	71.0	0.0	58.3	180.0	3.3
2:23 PM	30.2	71.0	0.0	58.3	157.0	1.6

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
2:24 PM	30.2	71.0	0.0	58.4	202.0	4.9
2:25 PM	30.2	71.0	0.0	58.3	247.0	8.2
2:26 PM	30.2	71.0	0.0	58.4	247.0	7.0
2:27 PM	30.2	71.0	0.0	58.4	247.0	5.6
2:28 PM	30.2	71.0	0.0	58.3	247.0	4.2
2:29 PM	30.2	71.0	0.0	58.2	247.0	7.7
2:30 PM	30.2	71.0	0.0	58.1	247.0	4.4
2:31 PM	30.2	71.0	0.0	58.1	225.0	2.8
2:32 PM	30.2	71.0	0.0	58.0	202.0	3.7
2:33 PM	30.2	71.0	0.0	58.0	202.0	7.2
2:34 PM	30.2	72.0	0.0	57.8	202.0	4.9
2:35 PM	30.2	72.0	0.0	57.7	202.0	7.2
2:36 PM	30.2	72.0	0.0	57.7	202.0	5.4
2:37 PM	30.2	73.0	0.0	57.7	202.0	5.6
2:38 PM	30.2	73.0	0.0	57.7	202.0	5.4
2:39 PM	30.2	73.0	0.0	57.6	202.0	7.9
2:40 PM	30.2	73.0	0.0	57.6	202.0	5.6
2:41 PM	30.2	73.0	0.0	57.6	202.0	7.2
2:42 PM	30.2	74.0	0.0	57.6	202.0	7.9
2:43 PM	30.2	74.0	0.0	57.6	202.0	5.6
2:44 PM	30.2	74.0	0.0	57.6	202.0	5.4
2:45 PM	30.2	74.0	0.0	57.6	202.0	9.3
2:46 PM	30.2	74.0	0.0	57.6	202.0	6.8
2:47 PM	30.2	74.0	0.0	57.5	202.0	11.0
2:48 PM	30.2	74.0	0.0	57.5	202.0	7.7
2:49 PM	30.2	74.0	0.0	57.4	202.0	7.7
2:50 PM	30.2	74.0	0.0	57.4	180.0	5.8
2:51 PM	30.2	74.0	0.0	57.4	202.0	10.7
2:52 PM	30.2	74.0	0.0	57.3	202.0	10.5
2:53 PM	30.2	74.0	0.0	57.3	247.0	7.0
2:54 PM	30.2	74.0	0.0	57.3	247.0	7.0
2:55 PM	30.2	74.0	0.0	57.3	202.0	7.0
2:56 PM	30.2	74.0	0.0	57.3	247.0	7.0
2:57 PM	30.2	74.0	0.0	57.3	225.0	8.4
2:58 PM	30.2	74.0	0.0	57.3	225.0	6.3
2:59 PM	30.2	74.0	0.0	57.4	247.0	6.1
3:00 PM	30.2	74.0	0.0	57.4	247.0	5.8
3:01 PM	30.2	74.0	0.0	57.4	247.0	8.6
3:02 PM	30.2	74.0	0.0	57.4	202.0	5.4
3:03 PM	30.2	74.0	0.0	57.5	202.0	4.4
3:04 PM	30.2	74.0	0.0	57.5	202.0	6.1
3:05 PM	30.2	74.0	0.0	57.5	202.0	8.4
3:06 PM	30.2	74.0	0.0	57.5	202.0	7.7
3:07 PM	30.2	73.0	0.0	57.5	202.0	7.7
3:08 PM	30.2	73.0	0.0	57.5	202.0	7.5
3:09 PM	30.2	73.0	0.0	57.5	202.0	8.2
3:10 PM	30.2	73.0	0.0	57.5	247.0	5.6
3:11 PM	30.2	73.0	0.0	57.5	225.0	4.7
3:12 PM	30.2	73.0	0.0	57.5	247.0	6.5
3:13 PM	30.2	73.0	0.0	57.5	247.0	6.5
3:14 PM	30.2	73.0	0.0	57.4	247.0	5.6
3:15 PM	30.2	73.0	0.0	57.5	225.0	4.2
3:16 PM	30.2	73.0	0.0	57.5	247.0	7.0
3:17 PM	30.2	74.0	0.0	57.5	202.0	5.8

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
3:18 PM	30.2	73.0	0.0	57.5	202.0	4.7
3:19 PM	30.2	73.0	0.0	57.5	247.0	5.4
3:20 PM	30.2	73.0	0.0	57.6	247.0	6.1
3:21 PM	30.2	73.0	0.0	57.6	247.0	5.8
3:22 PM	30.2	73.0	0.0	57.6	247.0	5.6
3:23 PM	30.2	73.0	0.0	57.6	247.0	5.6
3:24 PM	30.2	73.0	0.0	57.7	247.0	4.7
3:25 PM	30.2	73.0	0.0	57.7	247.0	6.1
3:26 PM	30.2	73.0	0.0	57.7	202.0	4.0
3:27 PM	30.2	73.0	0.0	57.7	202.0	3.3
3:28 PM	30.2	73.0	0.0	57.8	180.0	4.9
3:29 PM	30.2	73.0	0.0	57.8	202.0	5.6
3:30 PM	30.2	73.0	0.0	57.8	202.0	7.0
3:31 PM	30.2	73.0	0.0	57.8	202.0	5.6
3:32 PM	30.2	73.0	0.0	57.8	202.0	6.1
3:33 PM	30.2	73.0	0.0	57.8	202.0	4.7
3:34 PM	30.2	73.0	0.0	57.8	225.0	4.4
3:35 PM	30.2	73.0	0.0	57.9	202.0	3.5
3:36 PM	30.2	73.0	0.0	57.9	202.0	3.5
3:37 PM	30.2	73.0	0.0	57.9	202.0	3.7
3:38 PM	30.2	73.0	0.0	57.9	202.0	4.2
3:39 PM	30.2	73.0	0.0	57.9	202.0	5.1
3:40 PM	30.2	73.0	0.0	57.9	202.0	4.2
3:41 PM	30.2	73.0	0.0	57.9	202.0	2.8
3:42 PM	30.2	73.0	0.0	57.9	202.0	1.2
3:43 PM	30.2	73.0	0.0	57.9	202.0	1.9
3:44 PM	30.2	73.0	0.0	58.0	202.0	5.1
3:45 PM	30.2	73.0	0.0	58.0	202.0	5.4
3:46 PM	30.2	73.0	0.0	58.0	247.0	6.3
3:47 PM	30.2	73.0	0.0	58.0	247.0	6.3
3:48 PM	30.2	74.0	0.0	58.0	225.0	5.4
3:49 PM	30.2	74.0	0.0	58.0	225.0	5.4
3:50 PM	30.2	74.0	0.0	58.1	225.0	4.7
3:51 PM	30.2	74.0	0.0	58.1	202.0	7.2
3:52 PM	30.2	74.0	0.0	58.0	202.0	7.5
3:53 PM	30.2	74.0	0.0	58.0	202.0	5.1
3:54 PM	30.2	74.0	0.0	58.0	247.0	5.4
3:55 PM	30.2	74.0	0.0	58.0	225.0	7.2
3:56 PM	30.2	74.0	0.0	58.0	225.0	5.8
3:57 PM	30.2	74.0	0.0	57.9	225.0	8.4
3:58 PM	30.2	74.0	0.0	57.9	225.0	7.5
3:59 PM	30.2	74.0	0.0	57.9	225.0	6.5
4:00 PM	30.2	74.0	0.0	57.9	247.0	5.6
4:01 PM	30.2	74.0	0.0	57.9	247.0	7.2
4:02 PM	30.2	74.0	0.0	57.9	247.0	6.5
4:03 PM	30.2	74.0	0.0	57.9	225.0	5.6
4:04 PM	30.2	74.0	0.0	57.8	247.0	4.7
4:05 PM	30.2	74.0	0.0	57.8	247.0	5.8
4:06 PM	30.2	74.0	0.0	57.8	202.0	5.6
4:07 PM	30.2	74.0	0.0	57.8	247.0	8.6
4:08 PM	30.2	75.0	0.0	57.8	202.0	4.7
4:09 PM	30.2	75.0	0.0	57.8	225.0	5.8
4:10 PM	30.2	75.0	0.0	57.8	202.0	5.1
4:11 PM	30.2	75.0	0.0	57.8	202.0	5.8

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
4:12 PM	30.2	75.0	0.0	57.8	225.0	5.8
4:13 PM	30.2	75.0	0.0	57.8	202.0	4.9
4:14 PM	30.2	75.0	0.0	57.8	225.0	4.9
4:15 PM	30.2	75.0	0.0	57.8	247.0	5.6
4:16 PM	30.2	75.0	0.0	57.7	225.0	6.5
4:17 PM	30.2	75.0	0.0	57.7	202.0	5.4
4:18 PM	30.2	75.0	0.0	57.7	202.0	5.8
4:19 PM	30.2	75.0	0.0	57.7	225.0	6.3
4:20 PM	30.2	75.0	0.0	57.7	225.0	11.0
4:21 PM	30.2	75.0	0.0	57.7	247.0	6.1
4:22 PM	30.2	75.0	0.0	57.7	247.0	8.4
4:23 PM	30.2	75.0	0.0	57.6	202.0	6.5
4:24 PM	30.2	75.0	0.0	57.6	202.0	6.1
4:25 PM	30.2	75.0	0.0	57.6	247.0	4.0
4:26 PM	30.2	75.0	0.0	57.6	225.0	4.9
4:27 PM	30.2	75.0	0.0	57.6	225.0	5.8
4:28 PM	30.2	75.0	0.0	57.6	225.0	8.2
4:29 PM	30.2	75.0	0.0	57.6	202.0	8.2
4:30 PM	30.2	76.0	0.0	57.6	202.0	7.7
4:31 PM	30.2	76.0	0.0	57.6	225.0	6.1
4:32 PM	30.2	76.0	0.0	57.6	202.0	6.5
4:33 PM	30.2	76.0	0.0	57.5	202.0	5.6
4:34 PM	30.2	76.0	0.0	57.5	202.0	6.8
4:35 PM	30.2	76.0	0.0	57.5	202.0	6.3
4:36 PM	30.2	76.0	0.0	57.5	202.0	6.3
4:37 PM	30.2	76.0	0.0	57.5	247.0	7.5
4:38 PM	30.2	76.0	0.0	57.5	247.0	4.7
4:39 PM	30.2	76.0	0.0	57.5	202.0	6.3
4:40 PM	30.2	76.0	0.0	57.5	247.0	10.3
4:41 PM	30.2	76.0	0.0	57.5	225.0	7.9
4:42 PM	30.2	76.0	0.0	57.5	247.0	6.1
4:43 PM	30.2	76.0	0.0	57.5	202.0	8.4
4:44 PM	30.2	76.0	0.0	57.5	247.0	5.8
4:45 PM	30.2	76.0	0.0	57.5	202.0	7.5
4:46 PM	30.2	76.0	0.0	57.5	202.0	6.5
4:47 PM	30.2	76.0	0.0	57.5	202.0	8.2
4:48 PM	30.2	76.0	0.0	57.5	202.0	5.8
4:49 PM	30.2	76.0	0.0	57.5	202.0	5.6
4:50 PM	30.2	76.0	0.0	57.5	202.0	4.7
4:51 PM	30.2	76.0	0.0	57.5	225.0	5.6
4:52 PM	30.2	76.0	0.0	57.5	202.0	7.5
4:53 PM	30.2	76.0	0.0	57.5	225.0	8.6
4:54 PM	30.2	76.0	0.0	57.5	202.0	7.9
4:55 PM	30.2	76.0	0.0	57.5	202.0	5.6
4:56 PM	30.2	76.0	0.0	57.5	202.0	6.1
4:57 PM	30.2	76.0	0.0	57.5	202.0	10.3
4:58 PM	30.2	76.0	0.0	57.5	202.0	7.5
4:59 PM	30.1	76.0	0.0	57.5	202.0	7.5
5:00 PM	30.1	76.0	0.0	57.5	202.0	9.8
5:01 PM	30.1	76.0	0.0	57.5	202.0	7.0
5:02 PM	30.2	76.0	0.0	57.4	202.0	8.2
5:03 PM	30.2	76.0	0.0	57.4	202.0	9.1
5:04 PM	30.2	76.0	0.0	57.4	225.0	5.8
5:05 PM	30.2	76.0	0.0	57.4	202.0	7.7

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
5:06 PM	30.2	76.0	0.0	57.4	202.0	7.0
5:07 PM	30.1	76.0	0.0	57.4	202.0	7.5
5:08 PM	30.2	76.0	0.0	57.3	202.0	6.5
5:09 PM	30.2	76.0	0.0	57.4	202.0	4.7
5:10 PM	30.2	76.0	0.0	57.4	202.0	7.5
5:11 PM	30.2	76.0	0.0	57.4	202.0	6.8
5:12 PM	30.2	76.0	0.0	57.4	202.0	10.7
5:13 PM	30.2	76.0	0.0	57.4	225.0	8.9
5:14 PM	30.2	76.0	0.0	57.4	202.0	7.7
5:15 PM	30.2	76.0	0.0	57.3	202.0	7.2
5:16 PM	30.1	76.0	0.0	57.3	202.0	9.6
5:17 PM	30.1	76.0	0.0	57.3	202.0	9.6
5:18 PM	30.1	76.0	0.0	57.3	202.0	7.2
5:19 PM	30.1	76.0	0.0	57.3	202.0	8.9
5:20 PM	30.1	76.0	0.0	57.3	202.0	8.6
5:21 PM	30.2	76.0	0.0	57.2	202.0	6.1
5:22 PM	30.2	76.0	0.0	57.2	202.0	5.6
5:23 PM	30.2	76.0	0.0	57.2	202.0	8.2
5:24 PM	30.2	77.0	0.0	57.2	202.0	7.9
5:25 PM	30.2	77.0	0.0	57.2	225.0	6.8
5:26 PM	30.1	77.0	0.0	57.2	202.0	8.2
5:27 PM	30.2	77.0	0.0	57.2	225.0	7.9
5:28 PM	30.2	77.0	0.0	57.2	202.0	7.5
5:29 PM	30.2	77.0	0.0	57.2	202.0	6.8
5:30 PM	30.1	77.0	0.0	57.2	225.0	4.4
5:31 PM	30.1	77.0	0.0	57.1	202.0	4.9
5:32 PM	30.1	77.0	0.0	57.1	225.0	5.8
5:33 PM	30.1	77.0	0.0	57.1	225.0	5.1
5:34 PM	30.2	77.0	0.0	57.1	225.0	3.7
5:35 PM	30.1	77.0	0.0	57.1	225.0	2.6
5:36 PM	30.2	77.0	0.0	57.1	225.0	4.7
5:37 PM	30.1	78.0	0.0	57.1	225.0	4.4
5:38 PM	30.1	78.0	0.0	57.1	225.0	4.9
5:39 PM	30.1	78.0	0.0	57.1	247.0	4.0
5:40 PM	30.1	78.0	0.0	57.0	247.0	4.2
5:41 PM	30.2	78.0	0.0	57.0	247.0	4.4
5:42 PM	30.1	78.0	0.0	57.0	247.0	3.0
5:43 PM	30.1	78.0	0.0	57.0	247.0	2.8
5:44 PM	30.1	78.0	0.0	57.0	247.0	3.3
5:45 PM	30.2	78.0	0.0	56.9	247.0	3.5
5:46 PM	30.2	78.0	0.0	56.9	247.0	4.0
5:47 PM	30.2	78.0	0.0	56.9	225.0	2.3
5:48 PM	30.1	78.0	0.0	56.9	225.0	2.6
5:49 PM	30.2	78.0	0.0	56.9	202.0	3.0
5:50 PM	30.2	78.0	0.0	56.9	202.0	2.8
5:51 PM	30.2	79.0	0.0	56.8	202.0	2.3
5:52 PM	30.2	79.0	0.0	56.8	202.0	2.8
5:53 PM	30.2	79.0	0.0	56.8	202.0	3.3
5:54 PM	30.2	79.0	0.0	56.7	202.0	2.8
5:55 PM	30.2	79.0	0.0	56.7	202.0	2.8
5:56 PM	30.2	79.0	0.0	56.7	202.0	4.0
5:57 PM	30.2	79.0	0.0	56.7	202.0	2.6
5:58 PM	30.2	79.0	0.0	56.6	202.0	2.6
5:59 PM	30.2	79.0	0.0	56.6	202.0	1.9

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
6:00 PM	30.2	79.0	0.0	56.6	202.0	1.9
6:01 PM	30.2	79.0	0.0	56.5	202.0	1.2
6:02 PM	30.2	79.0	0.0	56.5	202.0	1.9
6:03 PM	30.2	79.0	0.0	56.4	247.0	2.6
6:04 PM	30.2	79.0	0.0	56.4	247.0	2.3
6:05 PM	30.2	79.0	0.0	56.4	247.0	2.8
6:06 PM	30.2	79.0	0.0	56.4	247.0	2.6
6:07 PM	30.2	79.0	0.0	56.3	247.0	1.9
6:08 PM	30.2	79.0	0.0	56.3	247.0	2.1
6:09 PM	30.2	79.0	0.0	56.3	247.0	2.1
6:10 PM	30.2	80.0	0.0	56.3	247.0	0.0
6:11 PM	30.2	80.0	0.0	56.3	247.0	1.4
6:12 PM	30.2	80.0	0.0	56.3	247.0	0.0
6:13 PM	30.2	80.0	0.0	56.3	247.0	0.0
6:14 PM	30.2	80.0	0.0	56.3	247.0	0.0
6:15 PM	30.2	80.0	0.0	56.3	247.0	0.0
6:16 PM	30.2	80.0	0.0	56.2	247.0	0.0
6:17 PM	30.2	80.0	0.0	56.2	247.0	0.0
6:18 PM	30.2	80.0	0.0	56.2	247.0	0.0
6:19 PM	30.2	80.0	0.0	56.2	247.0	0.0
6:20 PM	30.2	80.0	0.0	56.2	247.0	0.0
6:21 PM	30.2	80.0	0.0	56.1	247.0	0.0
6:22 PM	30.2	80.0	0.0	56.1	247.0	0.0
6:23 PM	30.2	80.0	0.0	56.0	247.0	0.0
6:24 PM	30.2	80.0	0.0	56.0	247.0	0.0
6:25 PM	30.2	81.0	0.0	55.9	247.0	0.0
6:26 PM	30.2	81.0	0.0	55.9	247.0	0.0
6:27 PM	30.2	81.0	0.0	55.8	247.0	0.0
6:28 PM	30.2	81.0	0.0	55.8	247.0	0.0
6:29 PM	30.2	81.0	0.0	55.7	247.0	0.0
6:30 PM	30.2	81.0	0.0	55.7	247.0	0.0
6:31 PM	30.2	81.0	0.0	55.7	247.0	0.0
6:32 PM	30.2	81.0	0.0	55.7	247.0	0.0
6:33 PM	30.2	81.0	0.0	55.6	247.0	0.0
6:34 PM	30.2	81.0	0.0	55.6	247.0	0.0
6:35 PM	30.2	81.0	0.0	55.6	247.0	0.0
6:36 PM	30.2	81.0	0.0	55.6	247.0	0.0
6:37 PM	30.2	82.0	0.0	55.6	247.0	0.0
6:38 PM	30.2	82.0	0.0	55.5	247.0	0.0
6:39 PM	30.2	82.0	0.0	55.5	247.0	0.0
6:40 PM	30.2	82.0	0.0	55.4	247.0	0.0
6:41 PM	30.2	82.0	0.0	55.4	247.0	0.0
6:42 PM	30.2	82.0	0.0	55.3	247.0	0.0
6:43 PM	30.2	82.0	0.0	55.3	247.0	0.0
6:44 PM	30.2	82.0	0.0	55.3	247.0	0.0
6:45 PM	30.2	82.0	0.0	55.2	247.0	0.0
6:46 PM	30.2	82.0	0.0	55.2	247.0	0.0
6:47 PM	30.2	82.0	0.0	55.1	247.0	0.0
6:48 PM	30.2	83.0	0.0	55.1	247.0	0.0
6:49 PM	30.2	83.0	0.0	55.0	247.0	0.0
6:50 PM	30.2	83.0	0.0	55.0	247.0	0.0
6:51 PM	30.2	83.0	0.0	54.9	247.0	0.0
6:52 PM	30.2	83.0	0.0	54.9	247.0	0.0
6:53 PM	30.2	83.0	0.0	54.8	247.0	0.0

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
6:54 PM	30.2	83.0	0.0	54.7	247.0	0.0
6:55 PM	30.2	83.0	0.0	54.7	247.0	0.0
6:56 PM	30.2	84.0	0.0	54.7	247.0	0.0
6:57 PM	30.2	84.0	0.0	54.6	247.0	0.0
6:58 PM	30.2	84.0	0.0	54.6	247.0	0.0
6:59 PM	30.2	84.0	0.0	54.7	247.0	0.0
7:00 PM	30.2	84.0	0.0	54.7	247.0	0.0
7:01 PM	30.2	84.0	0.0	54.7	247.0	0.0
7:02 PM	30.2	84.0	0.0	54.8	247.0	0.0
7:03 PM	30.2	84.0	0.0	54.8	247.0	0.0
7:04 PM	30.2	84.0	0.0	54.9	157.0	1.6
7:05 PM	30.2	84.0	0.0	54.9	135.0	1.9
7:06 PM	30.2	84.0	0.0	55.0	135.0	1.4
7:07 PM	30.2	84.0	0.0	55.0	135.0	1.6
7:08 PM	30.2	84.0	0.0	55.0	135.0	2.6
7:09 PM	30.2	84.0	0.0	55.1	135.0	2.1
7:10 PM	30.2	84.0	0.0	55.1	135.0	2.6
7:11 PM	30.2	84.0	0.0	55.2	135.0	1.6
7:12 PM	30.2	84.0	0.0	55.2	135.0	0.0
7:13 PM	30.2	84.0	0.0	55.2	135.0	0.0
7:14 PM	30.2	84.0	0.0	55.2	135.0	0.0
7:15 PM	30.2	84.0	0.0	55.2	135.0	0.0
7:16 PM	30.2	84.0	0.0	55.2	157.0	1.6
7:17 PM	30.2	84.0	0.0	55.1	157.0	0.0
7:18 PM	30.2	84.0	0.0	55.1	157.0	1.6
7:19 PM	30.2	84.0	0.0	55.1	157.0	1.4
7:20 PM	30.2	84.0	0.0	55.1	157.0	1.4
7:21 PM	30.2	84.0	0.0	55.0	157.0	0.0
7:22 PM	30.2	84.0	0.0	55.0	157.0	1.4
7:23 PM	30.2	84.0	0.0	55.0	157.0	0.0
7:24 PM	30.2	84.0	0.0	55.0	157.0	1.2
7:25 PM	30.2	84.0	0.0	54.9	202.0	2.3
7:26 PM	30.2	85.0	0.0	54.9	202.0	2.6
7:27 PM	30.2	85.0	0.0	54.9	202.0	2.3
7:28 PM	30.2	85.0	0.0	54.8	202.0	2.8
7:29 PM	30.2	85.0	0.0	54.8	202.0	2.1
7:30 PM	30.2	85.0	0.0	54.8	202.0	1.4
7:31 PM	30.2	85.0	0.0	54.8	202.0	1.6
7:32 PM	30.2	85.0	0.0	54.7	202.0	2.8
7:33 PM	30.2	85.0	0.0	54.7	202.0	1.4
7:34 PM	30.2	85.0	0.0	54.7	202.0	0.0
7:35 PM	30.2	85.0	0.0	54.7	202.0	1.6
7:36 PM	30.2	85.0	0.0	54.6	202.0	1.4
7:37 PM	30.2	85.0	0.0	54.6	202.0	0.0
7:38 PM	30.2	85.0	0.0	54.6	202.0	0.0
7:39 PM	30.2	85.0	0.0	54.6	202.0	0.0
7:40 PM	30.2	85.0	0.0	54.6	202.0	0.0
7:41 PM	30.2	85.0	0.0	54.5	202.0	0.0
7:42 PM	30.2	85.0	0.0	54.5	202.0	0.0
7:43 PM	30.2	85.0	0.0	54.5	202.0	0.0
7:44 PM	30.2	85.0	0.0	54.5	202.0	0.0
7:45 PM	30.2	85.0	0.0	54.5	202.0	0.0
7:46 PM	30.2	85.0	0.0	54.5	202.0	0.0
7:47 PM	30.2	85.0	0.0	54.5	202.0	0.0

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
7:48 PM	30.2	85.0	0.0	54.5	202.0	0.0
7:49 PM	30.2	85.0	0.0	54.4	247.0	2.6
7:50 PM	30.2	85.0	0.0	54.4	247.0	1.2
7:51 PM	30.2	86.0	0.0	54.4	247.0	2.1
7:52 PM	30.2	86.0	0.0	54.4	247.0	1.2
7:53 PM	30.2	86.0	0.0	54.3	247.0	0.0
7:54 PM	30.2	86.0	0.0	54.3	247.0	0.0
7:55 PM	30.2	86.0	0.0	54.3	247.0	0.0
7:56 PM	30.2	86.0	0.0	54.3	247.0	0.0
7:57 PM	30.2	86.0	0.0	54.3	247.0	0.0
7:58 PM	30.2	86.0	0.0	54.4	247.0	0.0
7:59 PM	30.2	86.0	0.0	54.4	247.0	1.9
8:00 PM	30.2	86.0	0.0	54.4	247.0	1.4
8:01 PM	30.2	86.0	0.0	54.4	247.0	2.8
8:02 PM	30.2	86.0	0.0	54.4	247.0	0.0
8:03 PM	30.2	86.0	0.0	54.4	247.0	3.7
8:04 PM	30.2	86.0	0.0	54.4	247.0	2.6
8:05 PM	30.2	86.0	0.0	54.4	247.0	3.3
8:06 PM	30.2	86.0	0.0	54.4	247.0	3.5
8:07 PM	30.2	86.0	0.0	54.4	247.0	1.4
8:08 PM	30.2	86.0	0.0	54.4	247.0	0.0
8:09 PM	30.2	86.0	0.0	54.4	225.0	1.6
8:10 PM	30.2	86.0	0.0	54.3	225.0	0.0
8:11 PM	30.2	86.0	0.0	54.3	225.0	0.0
8:12 PM	30.2	87.0	0.0	54.3	225.0	0.0
8:13 PM	30.2	87.0	0.0	54.2	225.0	0.0
8:14 PM	30.2	87.0	0.0	54.2	225.0	0.0
8:15 PM	30.2	87.0	0.0	54.1	225.0	0.0
8:16 PM	30.2	87.0	0.0	54.1	225.0	1.2
8:17 PM	30.2	87.0	0.0	54.0	225.0	0.0
8:18 PM	30.2	87.0	0.0	54.0	225.0	0.0
8:19 PM	30.2	87.0	0.0	54.0	225.0	0.0
8:20 PM	30.2	87.0	0.0	54.0	225.0	0.0
8:21 PM	30.2	87.0	0.0	54.0	225.0	0.0
8:22 PM	30.2	87.0	0.0	54.0	225.0	0.0
8:23 PM	30.2	87.0	0.0	54.0	225.0	0.0
8:24 PM	30.2	87.0	0.0	54.0	225.0	0.0
8:25 PM	30.2	87.0	0.0	54.0	225.0	0.0
8:26 PM	30.2	87.0	0.0	54.0	225.0	0.0
8:27 PM	30.2	87.0	0.0	53.9	225.0	0.0
8:28 PM	30.2	87.0	0.0	53.9	225.0	0.0
8:29 PM	30.2	87.0	0.0	53.9	225.0	0.0
8:30 PM	30.2	87.0	0.0	53.9	225.0	0.0
8:31 PM	30.2	87.0	0.0	53.9	225.0	0.0
8:32 PM	30.2	87.0	0.0	53.8	225.0	0.0
8:33 PM	30.2	87.0	0.0	53.8	225.0	0.0
8:34 PM	30.2	87.0	0.0	53.9	225.0	0.0
8:35 PM	30.2	87.0	0.0	53.9	225.0	0.0
8:36 PM	30.2	87.0	0.0	53.9	225.0	0.0
8:37 PM	30.2	87.0	0.0	53.9	225.0	0.0
8:38 PM	30.2	87.0	0.0	54.0	225.0	0.0
8:39 PM	30.2	88.0	0.0	54.0	225.0	0.0
8:40 PM	30.2	88.0	0.0	54.0	225.0	0.0
8:41 PM	30.2	88.0	0.0	54.0	225.0	0.0

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
8:42 PM	30.2	88.0	0.0	54.0	225.0	0.0
8:43 PM	30.2	88.0	0.0	54.0	225.0	0.0
8:44 PM	30.2	88.0	0.0	54.0	225.0	0.0
8:45 PM	30.2	88.0	0.0	54.0	225.0	0.0
8:46 PM	30.2	88.0	0.0	54.0	225.0	0.0
8:47 PM	30.2	88.0	0.0	54.0	225.0	0.0
8:48 PM	30.2	88.0	0.0	54.0	225.0	0.0
8:49 PM	30.2	88.0	0.0	54.0	225.0	0.0
8:50 PM	30.2	88.0	0.0	54.0	225.0	0.0
8:51 PM	30.2	88.0	0.0	54.0	225.0	0.0
8:52 PM	30.2	88.0	0.0	54.0	225.0	0.0
8:53 PM	30.2	88.0	0.0	54.0	225.0	0.0
8:54 PM	30.2	88.0	0.0	54.0	225.0	0.0
8:55 PM	30.2	88.0	0.0	54.0	225.0	0.0
8:56 PM	30.2	88.0	0.0	53.9	225.0	0.0
8:57 PM	30.2	88.0	0.0	53.9	225.0	0.0
8:58 PM	30.2	88.0	0.0	53.9	225.0	0.0
8:59 PM	30.2	88.0	0.0	53.9	225.0	0.0
9:00 PM	30.2	88.0	0.0	53.9	225.0	0.0
9:01 PM	30.2	88.0	0.0	53.9	225.0	0.0
9:02 PM	30.2	88.0	0.0	53.9	225.0	0.0
9:03 PM	30.2	88.0	0.0	53.9	225.0	0.0
9:04 PM	30.2	88.0	0.0	53.9	225.0	0.0
9:05 PM	30.2	88.0	0.0	53.9	225.0	1.2
9:06 PM	30.2	88.0	0.0	54.0	225.0	1.2
9:07 PM	30.2	88.0	0.0	54.0	225.0	0.0
9:08 PM	30.2	88.0	0.0	54.0	225.0	0.0
9:09 PM	30.2	88.0	0.0	54.0	225.0	1.2
9:10 PM	30.2	88.0	0.0	54.0	225.0	1.2
9:11 PM	30.2	88.0	0.0	54.0	22.0	4.0
9:12 PM	30.2	88.0	0.0	54.0	22.0	3.3
9:13 PM	30.2	88.0	0.0	54.0	22.0	2.8
9:14 PM	30.2	88.0	0.0	54.0	22.0	2.1
9:15 PM	30.2	88.0	0.0	54.0	22.0	2.1
9:16 PM	30.2	88.0	0.0	53.9	22.0	1.9
9:17 PM	30.2	88.0	0.0	53.9	22.0	1.2
9:18 PM	30.2	88.0	0.0	54.0	22.0	1.4
9:19 PM	30.2	88.0	0.0	54.0	22.0	1.2
9:20 PM	30.2	88.0	0.0	53.9	22.0	0.0
9:21 PM	30.2	88.0	0.0	53.9	22.0	0.0
9:22 PM	30.2	88.0	0.0	53.9	22.0	0.0
9:23 PM	30.2	88.0	0.0	53.9	22.0	0.0
9:24 PM	30.2	88.0	0.0	53.9	22.0	0.0
9:25 PM	30.2	88.0	0.0	53.9	22.0	0.0
9:26 PM	30.2	88.0	0.0	53.9	22.0	0.0
9:27 PM	30.2	88.0	0.0	54.0	22.0	0.0
9:28 PM	30.2	88.0	0.0	54.0	22.0	0.0
9:29 PM	30.2	88.0	0.0	54.0	22.0	0.0
9:30 PM	30.2	88.0	0.0	54.0	22.0	0.0
9:31 PM	30.2	88.0	0.0	54.0	22.0	0.0
9:32 PM	30.2	88.0	0.0	54.1	22.0	0.0
9:33 PM	30.2	88.0	0.0	54.1	22.0	0.0
9:34 PM	30.2	89.0	0.0	54.1	22.0	0.0
9:35 PM	30.2	89.0	0.0	54.1	22.0	0.0

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
9:36 PM	30.2	89.0	0.0	54.1	22.0	0.0
9:37 PM	30.2	88.0	0.0	54.1	22.0	1.2
9:38 PM	30.2	88.0	0.0	54.0	22.0	1.2
9:39 PM	30.2	88.0	0.0	54.0	22.0	1.4
9:40 PM	30.2	88.0	0.0	54.0	22.0	0.0
9:41 PM	30.2	88.0	0.0	54.0	22.0	0.0
9:42 PM	30.2	88.0	0.0	54.0	22.0	0.0
9:43 PM	30.2	88.0	0.0	54.0	22.0	0.0
9:44 PM	30.2	88.0	0.0	54.0	22.0	0.0
9:45 PM	30.2	88.0	0.0	54.0	22.0	0.0
9:46 PM	30.2	88.0	0.0	54.0	22.0	0.0
9:47 PM	30.2	88.0	0.0	54.0	22.0	0.0
9:48 PM	30.2	88.0	0.0	54.0	22.0	0.0
9:49 PM	30.2	88.0	0.0	54.0	22.0	0.0
9:50 PM	30.2	88.0	0.0	54.1	22.0	0.0
9:51 PM	30.2	89.0	0.0	54.1	22.0	0.0
9:52 PM	30.2	89.0	0.0	54.1	22.0	0.0
9:53 PM	30.2	89.0	0.0	54.2	22.0	0.0
9:54 PM	30.2	89.0	0.0	54.2	22.0	0.0
9:55 PM	30.2	89.0	0.0	54.2	22.0	0.0
9:56 PM	30.2	89.0	0.0	54.2	22.0	0.0
9:57 PM	30.2	89.0	0.0	54.2	22.0	0.0
9:58 PM	30.2	89.0	0.0	54.2	22.0	0.0
9:59 PM	30.2	89.0	0.0	54.2	22.0	0.0
10:00 PM	30.2	89.0	0.0	54.1	22.0	0.0
10:01 PM	30.2	89.0	0.0	54.1	22.0	0.0
10:02 PM	30.2	89.0	0.0	54.1	22.0	0.0
10:03 PM	30.2	89.0	0.0	54.1	22.0	0.0
10:04 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:05 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:06 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:07 PM	30.2	89.0	0.0	54.1	22.0	0.0
10:08 PM	30.2	89.0	0.0	54.1	22.0	1.9
10:09 PM	30.2	89.0	0.0	54.0	22.0	2.1
10:10 PM	30.2	89.0	0.0	54.0	22.0	2.3
10:11 PM	30.2	89.0	0.0	54.0	22.0	1.9
10:12 PM	30.2	89.0	0.0	53.9	22.0	1.9
10:13 PM	30.2	89.0	0.0	53.9	22.0	2.3
10:14 PM	30.2	89.0	0.0	53.9	22.0	2.3
10:15 PM	30.2	89.0	0.0	53.8	22.0	2.3
10:16 PM	30.2	89.0	0.0	53.8	22.0	2.3
10:17 PM	30.2	89.0	0.0	53.8	22.0	2.1
10:18 PM	30.2	89.0	0.0	53.8	22.0	1.6
10:19 PM	30.2	89.0	0.0	53.8	22.0	1.4
10:20 PM	30.2	89.0	0.0	53.8	22.0	1.6
10:21 PM	30.2	89.0	0.0	53.8	22.0	1.4
10:22 PM	30.2	89.0	0.0	53.9	22.0	1.4
10:23 PM	30.2	89.0	0.0	53.9	22.0	1.6
10:24 PM	30.2	89.0	0.0	53.9	22.0	1.6
10:25 PM	30.2	89.0	0.0	53.9	22.0	1.6
10:26 PM	30.2	89.0	0.0	54.0	22.0	1.9
10:27 PM	30.2	89.0	0.0	54.0	22.0	1.9
10:28 PM	30.2	89.0	0.0	54.0	22.0	1.4
10:29 PM	30.2	89.0	0.0	54.0	22.0	1.4

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

BAROMETRIC				WIND		
TIME	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
10:30 PM	30.2	89.0	0.0	54.0	22.0	1.2
10:31 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:32 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:33 PM	30.2	89.0	0.0	54.0	22.0	1.2
10:34 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:35 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:36 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:37 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:38 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:39 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:40 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:41 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:42 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:43 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:44 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:45 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:46 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:47 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:48 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:49 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:50 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:51 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:52 PM	30.2	89.0	0.0	54.0	22.0	0.0
10:53 PM	30.2	89.0	0.0	54.1	22.0	0.0
10:54 PM	30.2	90.0	0.0	54.0	22.0	0.0
10:55 PM	30.2	90.0	0.0	54.0	22.0	0.0
10:56 PM	30.2	90.0	0.0	54.0	22.0	0.0
10:57 PM	30.2	90.0	0.0	54.0	22.0	0.0
10:58 PM	30.2	90.0	0.0	54.0	22.0	0.0
10:59 PM	30.2	90.0	0.0	54.0	22.0	0.0
11:00 PM	30.2	90.0	0.0	54.0	22.0	0.0
11:01 PM	30.2	90.0	0.0	53.9	22.0	0.0
11:02 PM	30.2	90.0	0.0	53.9	22.0	0.0
11:03 PM	30.2	90.0	0.0	53.8	22.0	0.0
11:04 PM	30.2	90.0	0.0	53.8	22.0	0.0
11:05 PM	30.2	90.0	0.0	53.8	22.0	0.0
11:06 PM	30.2	90.0	0.0	53.8	22.0	0.0
11:07 PM	30.2	90.0	0.0	53.6	22.0	0.0
11:08 PM	30.2	90.0	0.0	53.6	22.0	0.0
11:09 PM	30.2	90.0	0.0	53.6	22.0	0.0
11:10 PM	30.2	90.0	0.0	53.5	22.0	0.0
11:11 PM	30.2	90.0	0.0	53.4	22.0	0.0
11:12 PM	30.2	90.0	0.0	53.4	22.0	0.0
11:13 PM	30.2	90.0	0.0	53.3	22.0	0.0
11:14 PM	30.2	90.0	0.0	53.2	22.0	0.0
11:15 PM	30.2	90.0	0.0	53.2	22.0	0.0
11:16 PM	30.2	90.0	0.0	53.2	22.0	0.0
11:17 PM	30.2	90.0	0.0	53.1	22.0	0.0
11:18 PM	30.2	90.0	0.0	53.1	22.0	0.0
11:19 PM	30.2	90.0	0.0	53.1	22.0	0.0
11:20 PM	30.2	90.0	0.0	53.0	22.0	0.0
11:21 PM	30.2	91.0	0.0	53.0	22.0	0.0
11:22 PM	30.2	91.0	0.0	53.0	22.0	0.0
11:23 PM	30.2	91.0	0.0	53.0	22.0	0.0

Table B-2

October 30, 2013 Weather Station Data

October 2013 Ambient Air Monitoring Event

American Cyanamid Superfund Site, Bridgewater, New Jersey

TIME	BAROMETRIC			WIND		
	PRESSURE	HUMIDITY	RAIN FALL	TEMPERATURE	DIRECTION	WIND SPEED
11:24 PM	30.2	91.0	0.0	52.9	22.0	0.0
11:25 PM	30.2	91.0	0.0	52.9	22.0	0.0
11:26 PM	30.2	91.0	0.0	52.9	22.0	0.0
11:27 PM	30.2	91.0	0.0	52.9	22.0	0.0
11:28 PM	30.2	91.0	0.0	52.9	22.0	0.0
11:29 PM	30.2	91.0	0.0	52.9	22.0	0.0
11:30 PM	30.2	91.0	0.0	52.9	22.0	0.0
11:31 PM	30.2	91.0	0.0	52.9	22.0	0.0
11:32 PM	30.2	91.0	0.0	52.9	22.0	0.0
11:33 PM	30.2	92.0	0.0	52.9	22.0	0.0
11:34 PM	30.2	92.0	0.0	53.0	22.0	0.0
11:35 PM	30.2	92.0	0.0	53.0	22.0	0.0
11:36 PM	30.2	92.0	0.0	52.9	22.0	0.0
11:37 PM	30.2	92.0	0.0	52.9	22.0	0.0
11:38 PM	30.2	92.0	0.0	52.9	22.0	0.0
11:39 PM	30.2	92.0	0.0	52.9	22.0	0.0
11:40 PM	30.2	92.0	0.0	52.9	22.0	0.0
11:41 PM	30.2	92.0	0.0	52.9	22.0	0.0
11:42 PM	30.2	92.0	0.0	52.8	22.0	0.0
11:43 PM	30.2	93.0	0.0	52.8	22.0	0.0
11:44 PM	30.2	93.0	0.0	52.8	22.0	0.0
11:45 PM	30.2	93.0	0.0	52.8	22.0	0.0
11:46 PM	30.2	93.0	0.0	52.8	22.0	0.0
11:47 PM	30.2	93.0	0.0	52.8	22.0	0.0
11:48 PM	30.2	93.0	0.0	52.8	22.0	0.0
11:49 PM	30.2	93.0	0.0	52.7	22.0	0.0
11:50 PM	30.2	93.0	0.0	52.7	22.0	0.0
11:51 PM	30.2	93.0	0.0	52.7	22.0	0.0
11:52 PM	30.2	93.0	0.0	52.6	22.0	0.0
11:53 PM	30.2	93.0	0.0	52.6	22.0	0.0
11:54 PM	30.2	93.0	0.0	52.6	22.0	0.0
11:55 PM	30.2	94.0	0.0	52.5	22.0	0.0
11:56 PM	30.2	94.0	0.0	52.5	22.0	0.0
11:57 PM	30.2	94.0	0.0	52.4	22.0	0.0
11:58 PM	30.2	94.0	0.0	52.4	22.0	0.0
11:59 PM	30.2	94.0	0.0	52.4	22.0	0.0